



SANTA FE IRRIGATION DISTRICT

MISCELLANEOUS FEE, CHARGES, AND EQUIPMENT USE FEE STUDY

PROPOSED EFFECTIVE DATE – JANUARY 1, 2026

Background:

The Santa Fe Irrigation District (District) charges various fees for general and engineering services performed in the service territory in addition to penalties associated with terms of service. These fees are calculated and charged in accordance with California Proposition 26, which specifies the requirement for cost recovery from the person or entity that directly benefits from or incurs the requirement for the service performed. Additionally, to ensure compliance with Proposition 26 requirements to ensure proper cost recovery, Staff have committed to updating these fees every three years. These fees were previously reviewed and revised in 2022. This fee study “Study” is the basis for the fees, charges, and equipment use rates that will go into effect January 1, 2026.

Discussion:

Attachment A to this Study is detailed information on how these charges were calculated based on fully burdened position(s) cost, non-personnel costs, and mileage charges. The following is a summary of these fees, their current charges establish in 2022, their new charges calculated by this Study, and the resulting change. Additionally, Staff will update these charges annual by the San Diego / Carlsbad consumer price index to ensure cost recovery prior to the next Proposition 26 study.

Misc. Fee Name	Current Charge	New Charge	Variance
Administrative			
Temporary Water Meter (Deposit + Fee) ¹	\$ 1,544.00	\$ 1,611.00	\$ 67
Move Temporary Water Meter	\$ 72.00	\$ 111.00	\$ 39
PSAWR Program Application Fee	\$ 27.00	\$ 31.00	\$ 4
Delinquency / Late Fee	10%	10%	-
Shut-Off Charge (Non-Payment or Other)	\$ 72.00	\$ 145.00	\$ 73
<i>Shut-Off Charge is \$97.88, Restoration is \$47.12, Combined Fee is \$145</i>			
After Hours Turn On After Shut Off	\$ 150.00	\$ 231.00	\$ 81
<i>Subject to SB 998 requirements</i>			
Returned Check or ACH	\$ 27.00	\$ 39.00	\$ 12
Door Hanger Notice	\$ 69.00	\$ 84.00	\$ 15
New Account Fee / Transfer Account Fee	\$ 27.00	\$ 38.00	\$ 11
Removal of Meter due to Tampering	\$ 100.00	\$ 165.00	\$ 65
Engineering			
Engineering Initiation Fee	N/A	\$ 520.00	N/A
Static Pressure Test	N/A	\$ 139.00	N/A
County 510 Form / City Water Certification	\$ 207.00	\$ 345.00	\$ 138
Hydraulic Inspection	\$ 767.00	\$ 534.00	\$ (233)

1 - current charge is \$1,472 deposit & \$72 fee, new charge is \$1,500 deposit and \$111 charge

Administrative Fees

▪ Temporary Water Meter / Move Temporary Meter

This fee is for the use of a District temporary water meter, typically for construction activities, that is set on a fire hydrant by Staff and cannot be moved without incurring an additional fee for Staff to change locations (so as not to damage District assets). The temporary water meter fee includes a refundable deposit of \$1,500 and a charge of \$110 to pay for administrative Staff to establish the account & distribution Staff to drive and set the meter at their location. Additionally, the fee to move the meter is the same \$110 charge should the customer want to switch the meter's location.

▪ PSAR Program Application Fee

This is paid when a customer wants to enter the PSAR program run by the District for the San Diego County Water Authority (SDCWA). This is for the time spent by the District's management analyst to ensure that they are on the proper list(s) as required by SDCWA and comply with other rules / regulations.

▪ Customer Late Fee

Staff are proposing to continue charging a 10% late fee. Per District / State policy, Staff continue to waive one late fee per customer in the rolling 12-month period. With bi-monthly billing, this is one out of every six bills per year. The District generated approximately \$177,000 in late fees in FY25 based on this level; however, Staff waived approximately \$20,000 in late fees. A comparison of late fee assessment levels with various other SDCWA member agencies is as follows (the information is what is publicly available).

Agency	Late Fee
Carlsbad MWD	10%
City of Poway	10% or \$50, whichever is less
City of Escondido	10%
Helix WD	10%
Lakeside WD	10%
Olivenhain MWD	10%
Otay WD	5%
Padre Dam MWD	10%, with a max of \$1,000
San Dieguito WD	\$41
Vallecitos WD	10%
Vista Irrigation District	\$15

- Shut off Charge for Non-Payment (note: shut off / disconnection reference same action)

Customer disconnections after 65 days from when the bill is issued, which exceeds Government Code requirements of a minimum of 60 days before disconnection to provide our customers with some additional time to avoid having their water service interrupted. This disconnection occurs after the penalty is issued (and a phone call at minimum is provided at this time, where additional notifications can be made based on customer settings in Xpress Pay) and a door hanger notice is placed on the property notifying them on the forthcoming disconnection 10 days prior to occurring. This charge is for Staff to do the billing associated with disconnection, driving to the property to lock of the meter, and includes the time / materials to return to the property to restore service (as there is no additional charge for restoration of service during normal business hours).

SB 998, established in 2019, requires reconnection fees during operating hours not exceed \$50 for low-income customers that are below 200% of the federal poverty line. Customers are deemed to have a household income below 200% of the federal poverty line if: 1. any member of the household is a current recipient of the following benefits: CalWORKS, CalFresh, general assistance, Medi-Cal, SSI/State Supplementary Payment Program or California Special Supplemental Nutrition Program for Women, Infants and Children; or 2. the customer declares the household's annual income is less than 200% of the federal poverty level. This amount has been increased per the San Diego / Carlsbad consumer price index (CPI) and is now \$64.80.

The total fee of \$145 includes disconnection and restoration charges combined. For purposes of SB 998, the District breaks out the two fees for reference. The disconnection charge is \$97.88, while the restoration charge is \$47.12. The restoration charge is less than the disconnection charge due to administration Staff requirements during shut off to change status of the account, which are not required during restoration.

- After Hours Turn on After Shut Off

This charge is for a customer who has been disconnected, but requests that restoration occur outside of operating hours for distribution Staff (7:30am -3:30pm). This is also subject to the District's administrative code section 13.9, which states:

Water service will be turned on only between the hours of 7:30 a.m. and 3:30 p.m. on business days of the District. Service may be turned on after hours if the customer agrees to pay all charges by noon of the next working day and if during the preceding 12-month period the customer has not been notified of the intention of the District to terminate service.

This fee is for administrative Staff time in addition to distribution Staff time. This requires call-out time for the standby duty Staff member, which is charged at overtime rates (1.5X normal rates) and has a requirement of a 60-minute response time. Staff have estimated an average commute of 30 miles one-way, based on the approximate locations of where standby personnel live. The charge for after-hour turn on is discounted by the \$47.12 restoration of service charge that was included in the original disconnection fee that was assessed when the customer's service was shut off.

The proposed charge of \$231 is also subject to SB998 requirements, where the limit for the after-hours charge was initially established as \$150 under the legislative requirements, which has subsequently been adjusted by the CPI change to \$194.38. The proposed charge exceeds the SB998 cap; therefore, any customer who were to contact customer service and demonstrate their eligibility requirements to be classified as low-income would subsequently have this fee adjusted to \$194.

- Returned Check or ACH

This fee is for when a customer's check or electronic payment is returned to the District for insufficient funds or other cause (i.e. the customer typed in the wrong account # in the Xpress Pay field when paying by electronic check). The District's Bank, US Bank, charges a \$26 service charge when this occurs, which is passed on to the customer in addition to a quarter hour of Staff time to rebalance their account. These two charges combined make the total fee \$39.

- Door Hanger Notice

The door hanger is a requirement under SB998 to avoid disconnections. A flyer is placed on their door or the most conspicuous place possible (as deemed by Staff) if it is a gated house / community, apartment complex, or multi-tenant commercial property, etc. This provides an amount due, date of forthcoming disconnection, contact / payment information, and their rights in six different languages (English, Spanish, Chinese, Korean, Vietnamese, and Tagalog). The fee for this is administrative and distribution Staff time to note the account and drive the door hanger to the property and return, in addition to printing costs, totaling \$84.

- New Account Fee / Transfer of Service

The District charges a new account fee to set-up the account in our systems, which requires approximately $\frac{3}{4}$ of an hour of administrative Staff time, which totals \$38. Additionally, Staff is proposing extending this fee to when customers transfer the account, which had not been previously charged. A transfer of account requires the same effort as the establishment of a new account (i.e. when a tenant takes over the owner's account) and should be charged the same fee.

- Removal of Meter Due to Tampering

This fee is established in the District's billing and collection procedures but has never been utilized before as Staff makes all efforts to correct any issues with a customer's account prior to this final measure. This would occur after multiple instances of water theft, including, but not limited to, cut locks after shut off and / or bypassing the water meter entirely. This fee is for Staff time to remove the meter and note the account. This total fee is \$165 based on this level of effort.

Engineering Fees

Fees charged by the District's Engineering Department are typically for development activity within the service territory. This includes flow requirements for service or fire suppression, hydraulic modeling, plan checks, pressure tests, and County / City certification forms, among others. Due to the District's atypical makeup of property sizes, meter sizes, and fire flow requirements, these services have historically been difficult to standardize into one individual fee(s) for proper cost recovery. This atypical nature then leads to improper cost recovery with the potential for under or excess cost recovery if a singular fee is developed. Staff can receive two seemingly similar requests for review of fire suppression requirements, and then when Staff initiates work on the projects, one may require two hours of Staff time while the second may require 10+ hours due to the property's location / fire district requirements / coordination with additional parties and other items.

Based on this, Staff is revising most Engineering fees to one where a quote will be provided to the customer after review of the project scope. Every item that is proposed to Engineering Staff requires immediate time to be spent on understanding the request and what is required for the project, which incurs costs. These project initiation requests varies in complexity and sometimes do not turn into actual projects, but always cost the District through Staff time and effort; which had not been previously captured through fees established through the Study. For proper cost recovery, Staff is proposing an "Engineering Initiation Fee", which properly recovers the Staff time and effort spent on every request that comes into the District. This fee would be charged for any project that comes into the District for Staff to research, understand the project, coordinate with outside parties, and to develop the cost estimate for the project requirements. In FY25 / FY26, there has been a large increase in development within the District, which has increased the amount of time spent on these projects, making it more imperative than ever to properly charge customers for this time and effort. Based on Staff's experience with these increasing requests, personnel dedicated to moving these projects forward include customer service, all positions within the Engineering Department, and time expended by the Construction Supervisor to be able to properly spec the work. As shown in Attachment A, this the sum of the Staff time for project initiation and development of the quote is \$520. This quote is only good for 90 days and the fee is non-refundable if the customer decides not to move forward with the project.

However, there are a few fees that can be standardized due to their simple and predictable requirements. These three fees are: 1.) static pressure test; 2.) County of San Diego 510 form / City of Solana Beach water certification form; and 3.) hydraulic inspections. The static pressure test is for proper review of plan specifications to ensure that the proposed customer connection can handle the water pressure within the zone that the customer project is in. The County of San Diego and City of Solana Beach forms are for certification that the District is the appropriate retail agency and can properly provide service for the development. The static pressure test and County/City forms require Staff time only and are detailed in Attachment A to this Study. With total Staff time, the static pressure test is proposed to be \$129, while the County / City form completion is \$345.

The hydraulic inspection is one that requires specific modeling software to ensure that anticipated water flow requirements from the development can be accommodated with the distribution system(s) that serve the property. This modeling is done with specific software and staffing that the District has determined is most appropriate financially to have completed by an outside firm, Dexter Wilson & Associates. This fee is for three hours of Staff time to complete the District's portion of project review to then hand over to the consultant, who then has one hour of a senior engineer time and one-half an hour of a project engineer's time utilized (on average) to complete the modeling. With this, the proposed fee is \$534, a reduction of \$233 from the previously established fee level. This reduction is due to the District's ability to streamline these requests with the consultant over the past three years, saving customers time and money.

Cost of Equipment Use

The Board is being requested to adopt the Caltrans Labor Surcharge and Equipment Rental Rates as the basis for charging customers when District crews perform work that requires the use of District-owned equipment. Previously, Staff did not charge for use of equipment on work orders. However, after further research on appropriate cost recovery from comparable agencies, charging for use of equipment on work orders outside of normal repair / maintenance of water assets is appropriate and defensible to ensure proper cost recovery for the District's work on one-off projects.

These Caltrans rates are widely recognized throughout California as the most transparent and consistently applied methodology for recovering the full cost of equipment usage. By implementing these standardized rates, the District ensures that customers are charged fairly and accurately for the true cost of resources expended during construction, repair, or maintenance activities triggered by customer requests or customer-caused damage. The Caltrans rates are particularly appropriate because they are built on a comprehensive cost-recovery framework that includes fuel, maintenance, depreciation, insurance, and capital replacement associated with owning and operating equipment. These components mirror the same types of costs incurred by the District for its fleet of backhoes, loaders, trucks, compressors, and other specialty tools and construction equipment. Adopting the Caltrans schedule

ensures that the District's charges reflect a vetted, industry-standard model that is updated regularly to align with actual market and operating conditions.

Because Caltrans manages one of the largest and most diverse fleets in California, the resulting rate tables provide a highly credible benchmark for public agencies to charge for equipment use but do not want to undertake the development and constant refresh of their own full-cost rate structures. These rates for use of equipment do not include any personnel costs and reflect the actual cost of ownership and use for these items and directly correspond to the District's fleet without the variability in personnel costs (which the District charges as a separate item on work orders for the Staff time expenditure on each project).

For these reasons, the Caltrans rates represent the easiest, most defensible, and most transparent approach for the District to implement. Most importantly, using Caltrans rates ensures that the District fully recovers the public's investment in equipment that is used for customer-specific work, thereby preventing cost-shifting to other ratepayers and maintaining the District's commitment to fiscal responsibility and equitable cost allocation. Additionally, Caltrans updates these rates yearly, allowing the District to ensure cost recovery in future years. The current Caltrans study that would be utilized to establish these rates and is included as Attachment B to this Study.

ATTACHMENT A: Fee Calculation

ATTACHMENT B: Santa Fe Irrigation District Equipment Use Rates

ATTACHMENT A

	Director of Engineering Services	Senior Engineer	Engineering Technician	Customer Service Representative II	Utility Worker II	Utility Worker I	Management Analyst	Construction Supervisor	Postage Stamp Mileage	Non-Personnel Costs	CALCULATED FEE
Avg Hr Rate	\$ 104.14	\$ 74.48	\$ 46.89	\$ 36.02	\$ 42.53	\$ 36.74	\$ 44.66	\$ 62.84			
40.9% Loaded	\$ 146.74	\$ 104.94	\$ 66.07	\$ 50.75	\$ 59.93	\$ 51.77	\$ 62.93	\$ 88.54	\$ 0.70		

Customer Service Fees:											Comments
Temporary Water Meter (Deposit + Fee)	-	-	1.00	0.50	0.50	-	-	6.00	\$ 1,500	\$ 1,611	Deposit / non-personnel is a portion of the cost of a construction meter for damages
Move Temporary Water Meter	-	-	1.00	0.50	0.50	-	-	6.00	\$ -	\$ 111	Non-personnel is round-trip mileage
PSAWR Program Application Fee	-	-	-	-	-	0.50	-	-	\$ -	\$ 31	Application fee for SDCWA PSAR program
Delinquency / Late Fee	10%									\$ -	10% charge as currently exists
Shut-Off Charge (Non-Payment or Other)	-	-	0.50	1.00	1.00	-	-	12.00	\$ -	\$ 145	Charges for all portions are X2 because fee is for both shut-off and restoration of service in one
After Hours Turn On After Shut Off	-	-	0.25	2.00	2.00	-	-	60.00	\$ -	\$ 231	45 miles based on 60 minute call out round trip, time is 1.5X for overtime, less \$47.12 restoration
Returned Check or ACH	-	-	0.25	-	-	-	-	-	\$ 26	\$ 39	Returned and re-deposited item is \$26 from US Bank
Door Hanger Notice	-	-	0.50	0.50	0.50	-	-	3.00	\$ 1	\$ 84	Cost of printing for non-personnel
New Account Fee / Transfer Account Fee	-	-	0.75	-	-	-	-	-	\$ -	\$ 38	Establishing a new account or transferring service
Removal of Meter due to Tampering	-	-	1.00	1.00	1.00	-	-	3.00	\$ -	\$ 165	Needs to be updated in district billing and collection procedures

Engineering Fees:												
Engineering Initiation Fee	1.00	1.00	1.00	0.50	-	-	-	2.00	-	\$ -	\$ 520	Cost includes development of estimate for project
Static Pressure Test	0.50	-	1.00	-	-	-	-	-	-	\$ -	\$ 139	
County 510 Form / City Water Certification	1.00	-	3.00	-	-	-	-	-	-	\$ -	\$ 345	
Hydraulic Inspection	1.00	-	2.00	-	-	-	-	-	-	\$ 255	\$ 534	1 hr Sr. Eng. @ \$150/hr , 0.5 hr Project Eng. @ \$210/hr, Staff time for site inspection, coordination

ATTACHMENT B

Santa Fe Irrigation District

Equipment Rental Rates

(Cost of Equipment Ownership)



Effective through March 31, 2026

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EQUIPMENT RENTAL RATE

NOTE--THE FOLLOWING RATES ARE IN EFFECT FROM APRIL 1, 2025 THROUGH MARCH 31, 2026

ATTACHMENTS

TRACTOR ATTACHMENTS -including power control units and accessories necessary to provide a functional attachment. Dozer blades are included in the standard configuration for both crawler and heavy, rubber tire tractors.

Rippers are listed from R1 to R8 and Winches for logging or towing are listed from S1 to S5. Equipment model groups are as follows:

1. Case 300 Thru 800 Series, Cat D-2 thru D-4, Deere 400 & 450, Dresser TD-7, TD-8 and TD-9, Fiat-Allis FD-5 Thru FD-7, Komatsu D21E Thru D37P, Liebherr PR711 & PR721.
2. Case 1150, Cat D-5, Deere 750, Dresser TD-12, Fiat-Allis FD9 & 10, Komatsu D58P, Liebherr PR731.
3. Case 1450 and 1550, Cat D-6, Deere 850, Dresser TD-15, Komatsu D63PE Thru D68P, Liebherr PR741.
4. Cat D-7 & 814, Dresser TD-20, Fiat-Allis 14 & FD14, Komatsu D83P, Terex 82-30
5. Cat D-8 & 824, Dresser TD-25, Fiat-Allis FD20 Komatsu D135A, Terex 82-40 Michigan 280, Raygo CHD 17 & CD-500.
6. Cat D-9 & 834, Fiat-Allis FD30, Raygo CHD 24 & CD 800.
7. Cat D-10, Dresser TD-40, Fiat-Allis FD40, Komatsu 375, Michigan 380, Raygo CDH 30.
8. Cat D-11, Fiat-Allis FD50, Komatsu 475

Model	Code	Rate
Clam action bucket 1 CY & Less	C1	\$5.57
Clam action Over 1 CY to 2 CY	C2	\$9.79
Clam action Over 2 CY to 3.5 CY	C3	\$14.18
Clam action Over 3.5 CY to 5 CY	C4	\$20.21
Clam action bucket Over 5 CY	C5	\$27.94
Ripper on No. 1 models	R1	\$3.36
Ripper on No. 2 models	R2	\$4.39
Ripper on No. 3 models	R3	\$7.32
Ripper on No. 4 models	R4	\$8.27
Ripper on No. 5 models	R5	\$13.56
Ripper on No. 6 models	R6	\$21.44
Ripper on No. 7 models	R7	\$24.87
Ripper on No. 8 models	R8	\$41.47
Winch on No. 1 models	S1	\$3.98
Winch on No. 2 models	S2	\$5.94
Winch on No. 3 models	S3	\$7.86
Winch on No. 4 models	S4	\$10.09
Winch on No. 5 models	S5	\$17.68
Lift gate	TG	\$1.15
Pump, water truck only	TP	\$7.90
Winch, truck	TW	\$0.42
Gas welding hose per 15.2 m (50 lf)	WH	\$0.02
Elec welding lead per 30.5 m (100 lf)	WL	\$0.24

AIR COMPRESSOR

[AIRCP]

DELAY FACTOR = 0.14

OVERTIME FACTOR = 0.88

All types of self contained units, regardless of power (gas, diesel and lpg) or type of compression (reciprocating, screw and vane). The listed rates include 15.2 meters (50 lineal feet) of hose, all hose whips, fittings, couplings and any compressor attachments. Listed in accordance with mfr's rated capacity in liters per second (cubic feet per minute) at 7 bar (100 psi).

PORTABLE

[PORT]

OVER	TO	Code	Rate
0	19 (40)	000-004	\$6.49
19 (40)	76 (160)	004-016	\$24.14
76 (160)	118 (250)	016-025	\$26.18
118 (250)	212 (450)	025-045	\$45.60
212 (450)	354 (750)	045-075	\$75.35
354 (750)	566 (1200)	075-120	\$110.14
566 (1200)	708 (1500)	120-150	\$143.41

AIR DRILLS, CRAWLER

[AIRDL]

DELAY FACTOR = 0.48

OVERTIME FACTOR = 0.56

All types, pneumatically propelled, including attachments. Expendable carbon drill steel, bits and shanks shall be paid by separate invoice. Rated in accordance with the cylinder bore diameter in millimeters(inches).

CRAWLER DRILLS

[CLR]

OVER	TO	Code	Rate
0	100 (4)	0-4	\$34.11
100 (4)	& Over	5	\$34.94

AIR TOOLS

[AIRTO]

DELAY FACTOR = 0.62

OVERTIME FACTOR = 0.40

All types including paving breakers, clay spades and diggers, sinker rock drills, trench diggers, sheeting/spike drivers, backfill tampers and hand held grinding tools. Expendable drill steel, bits and breakers points, grinding wheels and shanks shall be paid by separate invoice. Rated by tool weight in kilograms (pounds), determined in accordance with the mfr's specifications.

AIR TOOLS

[ATOL]

OVER	TO	Code	Rate
0	4.5 (10)	0-10	\$0.52
4.5 (10)	9.1 (20)	10-20	\$0.57
9.1 (20)	13.6 (30)	20-30	\$1.03
13.6 (30)	18.1 (40)	30-40	\$1.20
18.1 (40)	27.2 (60)	40-60	\$1.30
27.2 (60)	& Over	60	\$1.84

ASPHALT DIKE & SHOULDER PAVERS [ASDSP]**DELAY FACTOR = 0.11 OVERTIME FACTOR = 0.92**

Includes all attachments, accessories and automatic grade and line control.

A.C. DIKE COMPANY [ACDC]

<u>Model</u>	<u>Code</u>	<u>Rate</u>
No. 1	4050	\$100.92
No. 2	4052	\$75.49
Nos. 43, 44	4054	\$94.32

ASPHALT PAVING COMPANY [APCO]

<u>Model</u>	<u>Code</u>	<u>Rate</u>
E-1	4000	\$128.77
E-2, E3	4002	\$231.42

BLAW-KNOX [B-K]

<u>Model</u>	<u>Code</u>	<u>Rate</u>
RW-35 / 38	4075	\$87.91
RW-85	4077	\$50.44
RW-95	4079	\$80.50
RW-100	4081	\$128.73
RW-195D	4083	\$179.13

DELTA [DLTA]

<u>Model</u>	<u>Code</u>	<u>Rate</u>
DC-1	4095	\$177.81

ASPHALT PAVERS [ASPAV]**DELAY FACTOR = 0.16 OVERTIME FACTOR = 0.87**

Includes all attachments, accessories and automatic grade and line control.

BARBER-GREENE [B-G]

<u>Model</u>	<u>Code</u>	<u>Rate</u>
BG 220	0805	\$108.15
BG 225	0810	\$115.99
BG 240	0815	\$128.23
BG 245	0820	\$138.50
BG 260	0825	\$168.63
BG 260B	0826	\$209.65
BG 265	0830	\$186.88
RT 435, 4wd	0905	\$138.29
RT 445, 4wd	0925	\$131.54
RT 455, 4wd	0945	\$129.50
RT 455, 4wd, 10-20' screed	0955	\$133.44
RT 465, 4wd	0965	\$174.83
SA 125	1419E	\$104.03
SB 131	1420	\$128.48
SB 140	1425	\$161.38
SA 141	1430	\$111.84
SA 145	1432	\$135.78
SA 150	1435	\$173.53

SB 170 **1440** \$180.05**BLAW-KNOX****[B-K]**

<u>Model</u>	<u>Code</u>	<u>Rate</u>
PF-22	1490	\$49.21
PF-35	1550	\$88.62
PF-115	1750	\$132.71
PF-120H	2010	\$125.10
PF-171	2090	\$185.58
PF-180	2100	\$90.06
PF-180H	2204	\$195.75
PF-200	2250	\$198.01
PF-200, 18' screed	2252	\$201.06
PF-220	2300	\$203.18
PF-400A	2350	\$173.57
PF-500	2404	\$220.11
PF-500, 18' screed	2406	\$223.37
PF-510, 18' screed	2407	\$229.08
PF-3172, 18' screed	2408	\$187.01
PF-3200	2410	\$255.94
PF-5510	2415	\$268.37

CATERPILLAR**[CAT]**

<u>Model</u>	<u>Code</u>	<u>Rate</u>
AP-200	2420	\$57.60
AP-800	2430	\$138.14
AP-1050	2431	\$213.23
AP-1000	2435	\$209.38
AP-1000 4wd	2436	\$215.70
AP-1055B	2438	\$263.11
AP-1055D	2438D	\$335.21
AP-1200	2440	\$179.15

CEDAR RAPIDS**[CEDR]**

<u>Model</u>	<u>Code</u>	<u>Rate</u>
BSF-2H	2550	\$117.75
BSF-3R	2600	\$132.50
CR-351	2668A	\$180.25
CR-351 4wd	2668B	\$185.28
CR-361R (RUBBER TRACK)	2668R	\$215.79
CR-431	2669	\$152.78
CR-551	2670	\$242.34
CR-461	2672	\$240.10
CR-561	2674	\$252.83

LAYTON**[LYTN]**

<u>Model</u>	<u>Code</u>	<u>Rate</u>
F-525	2680	\$27.98
D-550	2682	\$30.60
H-500B	2684	\$7.53

ASPHALT WINDROW PICKUP MACHINE [ASPWP]**DELAY FACTOR = 0.07 OVERTIME FACTOR = 0.95**

Includes all attachments and accessories.

ATHEY [ATHY]

<u>Model</u>	<u>Code</u>	<u>Rate</u>
7-11	5000	\$124.03

BARBER-GREENE [B-G]

<u>Model</u>	<u>Code</u>	<u>Rate</u>
BG-610H	5100	\$82.42

CATERPILLAR [CAT]

<u>Model</u>	<u>Code</u>	<u>Rate</u>
WE-601B	5200	\$94.59

CLARK'S WELDING COMPANY [CLAR]

<u>Model</u>	<u>Code</u>	<u>Rate</u>
500	5300	\$71.90
601	5304	\$68.94
Lincoln 660	5305	\$125.70

C.M.I. [CMI]

<u>Model</u>	<u>Code</u>	<u>Rate</u>
851	5405	\$119.77

AUGERS, CRAWLER MOUNTED [AUGCL]**DELAY FACTOR = 0.27 OVERTIME FACTOR = 0.75**

Includes carrier, attachments and accessories with up to 6.1 meters(20 feet) of auger flights. Consumable bits or tips to be paid by separate invoice.

BAYSHORE [BYSH]

<u>Model</u>	<u>Code</u>	<u>Rate</u>
8400 TD limited access	1500	\$141.11

TEXOMA [TXMA]

<u>Model</u>	<u>Code</u>	<u>Rate</u>
TAURUS	2010	\$288.87
700CL	2100	\$162.75

WATSON [WATS]

<u>Model</u>	<u>Code</u>	<u>Rate</u>
2000CM	2500	\$128.37
2500CM	2505	\$196.63
3000CM	2510	\$223.09
3100CM	2515	\$230.64

AUGERS, HORIZONTAL [AUGHZ]**DELAY FACTOR = 0.26 OVERTIME FACTOR = 0.76**

Includes all attachments and accessories with up to 9.1 meters(30 feet) of auger flight, track and/or pipe pusher. Consumable bits or tips shall be paid by separate invoice. Power unit is included.

AKKERMAN [AKMN]

<u>Model</u>	<u>Code</u>	<u>Rate</u>
360	5000	\$123.27
420 series 1250	5002	\$126.34

AMERICAN AUGER [AMAU]

<u>Model</u>	<u>Code</u>	<u>Rate</u>
36-350	5014	\$36.16

BORZALL [BORZ]

<u>Model</u>	<u>Code</u>	<u>Rate</u>
2300-10	5040	\$12.80
4265-10	5042	\$17.91

DITCH WITCH [D-W]

<u>Model</u>	<u>Code</u>	<u>Rate</u>
2510	5040	\$55.06

AUGERS, TRUCK MOUNTED [AUGTK]**DELAY FACTOR = 0.21 OVERTIME FACTOR = 0.81**

Includes truck/carrier, all attachments and accessories with up to 6.1 meters(20 feet) of auger flight. Consumable bits or tips shall be paid by separate invoice.

ATLANTIC [ATLN]

<u>Model</u>	<u>Code</u>	<u>Rate</u>
LDH-80	5000	\$204.43
LDH-100	5005	\$173.71
LLDH-80	5010	\$221.40
LLDH-120	5015	\$235.25

CALWELD [CALW]

<u>Model</u>	<u>Code</u>	<u>Rate</u>
150-A	5050	\$123.89
200	5052	\$145.01
4500LH	5054	\$243.54

HUGHES [HUGH]

<u>Model</u>	<u>Code</u>	<u>Rate</u>
EZ 112	5070	\$74.92
EZ 120	5071	\$84.60
LDH-100	5072	\$134.58
LDH-80	5074	\$132.96
LLDH-120	5076	\$194.65
LLDH-80	5078	\$181.26

P.D.E.	[PDE]	
<u>Model</u>	<u>Code</u>	<u>Rate</u>
M -100	5084	\$58.94
M-400 with hammer	5085	\$41.80

TEXOMA	[TXMA]	
<u>Model</u>	<u>Code</u>	<u>Rate</u>
Economatic 115	5087	\$123.10
Super Economatic	5089	\$126.52
80	5090	\$157.42
270	5093	\$123.47
330	5095	\$129.92
330 with hammer	5095B	\$144.54
500 with hammer	5096B	\$146.48
600	5097	\$152.20
700	5099	\$229.07

WATSON	[WATS]	
<u>Model</u>	<u>Code</u>	<u>Rate</u>
1000	6010	\$110.49
2000	6012	\$190.84
3000	6014	\$207.03

BITUMINOUS DISTRIBUTORS [BITDT]

DELAY FACTOR = 0.13 OVERTIME FACTOR = 0.88
Includes all equipment for handling bituminous materials under pressure.
Includes pumps, spray bars and other attachments and accessories.

TRAILER MOUNTED	[TLMD]	
Does not include towing unit. Capacity rated in liters (U.S. gallons).		
<u>OVER</u>	<u>TO</u>	<u>Code</u> <u>Rate</u>
0	1136 (300)	0-300 \$9.53

TRUCK MOUNTED	[TRMD]	
Including truck. Capacity rated in liters (U.S. gallons).		
<u>OVER</u>	<u>TO</u>	<u>Code</u> <u>Rate</u>
0	3028 (800)	00-08 \$95.61
3028 (800)	5299 (1400)	08-14 \$119.18
5299 (1400)	6831 (1800)	14-18 \$122.06
6831 (1800)	11355 (3000)	18-30 \$124.49
11355 (3000)	15140 (4000)	30-40 \$129.65

BROOMS & SWEEPING EQUIPMENT [BRMSW]

DELAY FACTOR = 0.14 OVERTIME FACTOR = 0.87
Includes all attachments and accessories with brooms of any type. Includes broom wear.

BROOMS - MOUNTED & TOWED	[MTTD]	
Includes traction, PTO or engine driven.		
<u>Model</u>	<u>Code</u>	<u>Rate</u>
ALL	ALL	\$40.80

BROOMS - SELF PROPELLED	[SFPR]	
<u>Model</u>	<u>Code</u>	<u>Rate</u>
ALL	ALL	\$59.27

SWEEPERS - SELF PROPELLED,	[SWSP]	
PICK UP Rated in accordance with hopper size in cubic meters (cubic yards).		
<u>OVER</u>	<u>TO</u>	<u>Code</u> <u>Rate</u>
0	2.3 (3.0)	0-3 \$136.56
2.3 (3.0)	4.6 (6.0)	3-6 \$181.30
4.6 (6.0)	6.9 (9.0)	6-9 \$213.01

BRUSH CHIPPING & SHREDDING MACHINES [BRUCP]

DELAY FACTOR = 0.07 OVERTIME FACTOR = 0.94
Includes all attachments, accessories and power unit. Rated in accordance with the cutter head width in millimeters(inches)

BRUSH CHIP & SHRED	[BCSM]	
<u>OVER</u>	<u>TO</u>	<u>Code</u> <u>Rate</u>
0	230 (9)	00-09 \$41.14
230 (9)	300 (12)	09-12 \$64.43
300 (12)	405 (16)	12-16 \$63.40

COMPACTORS, HAND GUIDED [COMHG]

DELAY FACTOR = 0.18 OVERTIME FACTOR = 0.83
Includes pan, vibrating plate, rammer and jumping jack type compactors(gas or diesel). Includes all attachments and accessories. Listed in accordance with the weight in kilograms(pounds)

COMPACTORS	[COMP]	
<u>OVER</u>	<u>TO</u>	<u>Code</u> <u>Rate</u>
0	113 (250)	0-250 \$5.36
113 (250)	& Higher	250 \$12.79

CONCRETE MIXERS

[CONMX]

DELAY FACTOR = 0.12**OVERTIME FACTOR = 0.90****STATIONARY OR PORTABLE [SORP]**

Rated by Mfr's capacity in cubic meters (sacks or cubic feet).

<u>OVER</u>	<u>TO</u>	<u>Code</u>	<u>Rate</u>
0	0.10 (3.5)	0-3.5	\$2.93
0.10 (3.5)	0.17 (6.0)	03.5-6	\$4.26
0.17 (6.0)	0.31 (11)	06-11	\$5.48
0.31 (11)	0.45 (16)	11-16	\$7.77

TRANSIT MIX [TRMX]

PTO type, including carrier. Rated by Mfr's capacity in cubic meters (cubic yards).

<u>OVER</u>	<u>TO</u>	<u>Code</u>	<u>Rate</u>
6.4 (9)	7.6 (10)	09-10	\$201.47
7.6 (10)	9.2 (12)	10-12	\$201.88

CONCRETE PUMPS

[CONPM]

DELAY FACTOR = 0.15**OVERTIME FACTOR = 0.87**

Includes truck/carrier or self powered trailer mounted units. Including attachments, accessories and hoses.

<u>Model</u>	<u>Code</u>	<u>Rate</u>
K-8020	1000	\$119.72

MAYCO [MACO]

<u>Model</u>	<u>Code</u>	<u>Rate</u>
C-30HD	1020	\$22.40
LST-30/60S	1024	\$37.70

SCHWING [SHWG]

<u>Model</u>	<u>Code</u>	<u>Rate</u>
BPA-1000	1050	\$42.37
WP-1000X	1052	\$59.25
WP-1250X	1054	\$76.96
900-1200 w/28 m boom	1055	\$112.00
900-1200 w/32 m boom	1057	\$133.59
BPL 1200 w/36 m boom	1058	\$142.94

THOMSEN [THOM]

<u>Model</u>	<u>Code</u>	<u>Rate</u>
A-3.75 w/ mixer	1070	\$29.73
A-7	1072	\$26.88
11 pump w/28 m boom	1078	\$139.44
12 pump w/32 m boom	1082	\$147.14
14 pump w/36 m boom	1084	\$196.61

CONCRETE SLIPFORM PAVERS

[CONSF]

DELAY FACTOR = 0.18**OVERTIME FACTOR = 0.85**

Includes all attachments and accessories. Detached, independently powered finished bridges or spray/tyne machines are not included.

C.M.I. [CMI]

<u>Model</u>	<u>Code</u>	<u>Rate</u>
SF-250	2002	\$191.93
SF-350 series 2	2004	\$298.46
SF-550	2006	\$405.84

GOMACO [GOMA]

<u>Model</u>	<u>Code</u>	<u>Rate</u>
GP-2000	2020	\$195.75
GP-2500	2022	\$221.44
GP-3500	2024	\$311.23

CONCRETE VIBRATORS

[CONVB]

DELAY FACTOR = 0.33**OVERTIME FACTOR = 0.69**

Includes all attachments and accessories. Includes vibrator motor but independent power, whether air or electric, shall be paid as a separate item.

CONCRETE VIBRATORS [CVIB]

<u>Model</u>	<u>Code</u>	<u>Rate</u>
Each Vibrating Head	EVHD	\$1.34

CURB EXTRUSION MACHINES

[CRBEX]

DELAY FACTOR = 0.22**OVERTIME FACTOR = 0.82**

Self propelled for asphalt or concrete curb and gutter section. Includes attachments, accessories and molds. Rated by Mfr's maximum width recommendations in millimeters (inches).

CURB EXTRUSION MACHINE [CEM]

<u>OVER</u>	<u>TO</u>	<u>Code</u>	<u>Rate</u>
0	460 (18)	0-18	\$44.17
460 (18)	& Over	18 PLUS	\$127.54

CONCRETE BARRIER SLIPFORM PAVERS

[CRBSF]

DELAY FACTOR = 0.20**OVERTIME FACTOR = 0.84**

Includes all attachments, accessories and barrier or curb molds.

C.M.I. [CMI]

<u>Model</u>	<u>Code</u>	<u>Rate</u>
SF-175	3000	\$140.70

CURBMASTER [CURB]

<u>Model</u>	<u>Code</u>	<u>Rate</u>
CMT-800	3020	\$85.70

GOMACO		[GOMA]
<u>Model</u>	<u>Code</u>	<u>Rate</u>
GT-6000-(78&90)	3040	\$97.16
COMMANDER II	3045	\$109.53
COMMANDER III	3050	\$152.78

MILLER FORMLESS		[MILL]
<u>Model</u>	<u>Code</u>	<u>Rate</u>
M-7500	3063	\$114.13
M-8100	3065	\$160.09
M-8800	3067	\$197.52

ELECTRIC GENERATORS & LIGHT PLANTS **[ELGEN]**

DELAY FACTOR = 0.13 **OVERTIME FACTOR = 0.89**
 Rates are for gas or diesel power and alternating or direct current.

GENERATOR		[GEN]	
Rated in accordance with Mfr's output in kilowatts.			
OVER	TO	Code	Rate
0	1	000-001	\$1.10
1	3	001-003	\$2.55
3	7.5	003-008	\$5.25
7.5	15	008-015	\$11.76
15	25	015-025	\$18.44
25	50	025-050	\$18.68
50	100	050-100	\$33.51
100	200	100-200	\$67.49
200	300	200-300	\$114.65
300	400	300-400	\$156.38
400	500	400-500	\$196.01

LIGHTS		[LITE]
Includes trailer, pole and generator.		
Model	Code	Rate
2 Light Set	2 LIGHT	\$5.36
4 Light Set	4 LIGHT	\$10.93

ELECTRIC POWERED HAND TOOLS **[ELTOL]**

DELAY FACTOR = 0.62 **OVERTIME FACTOR = 0.41**
 Includes electric powered, hand held tools not listed elsewhere in this book.
 Expendable bits, blades, discs, wheels, etc. shall be paid by separate invoice.
 Rated in accordance with Mfr's suggested retail price.

TOOLS		[TOOL]	
<u>OVER</u>	<u>TO</u>	<u>Code</u>	<u>Rate</u>
450	600	045-060	\$0.38
600	800	060-080	\$0.51
800	1000	080-100	\$0.64

FORK LIFT TRUCKS **[FKLFT]**

DELAY FACTOR = 0.21 **OVERTIME FACTOR = 0.80**
 Includes attachments and accessories. Listed in accordance with the Mfr's maximum rated capacity in kilograms(pounds).

FORK LIFT TRUCKS				[FLT]	
OVER		TO		Code	Rate
454	(1000)	1814	(4000)	010-040	\$39.43
1814	(4000)	2722	(6000)	040-060	\$52.50
2722	(6000)	3629	(8000)	060-080	\$59.19
3629	(8000)	5443	(12000)	080-120	\$82.09
5443	(12000)	7258	(16000)	120-160	\$86.17
7258	(16000)	9072	(20000)	160-200	\$100.92
9072	(20000)	11340	(25000)	200-250	\$99.76
11340	(25000)	13608	(30000)	250-300	\$110.13
13608	(30000)	18144	(40000)	300-400	\$140.03
18144	(40000)	22680	(50000)	400-500	\$167.53
22680	(50000)	34020	(75000)	500-750	\$228.22

GRADERS **[GRADR]**

DELAY FACTOR = 0.11 **OVERTIME FACTOR = 0.90**
 Includes ripper and scarifier attachments and all accessories. Electronic blade control and specialty cutting tools shall be paid separately.

BLADE-MOR		[BMOR]
<u>Model</u>	<u>Code</u>	<u>Rate</u>
727	2173	\$34.82
747	2178	\$49.67

CATERPILLAR		[CAT]
<u>Model</u>	<u>Code</u>	<u>Rate</u>
120G 87V serial	2685	\$90.52
130G 74V serial	2695	\$99.88
12E 99E serial	2710	\$66.81
12F 73G serial	2768	\$101.24
12F 13K serial	2826	\$76.84
12F 89H serial	2884	\$77.36
12G 61M serial	2890	\$101.80
12H	2895	\$115.65
14E 72G serial	3174	\$103.55
14G	3180	\$151.56
14H	3185	\$166.45
140 14U serial	3250	\$104.66
140G 72V serial	3260	\$110.57
140H	3265	\$116.99
140M	3266	\$179.99
143H	3267	\$130.47
16 49G serial	3290	\$134.82
16 49G800 serial	3348	\$197.27
16 G93U serial	3360	\$210.49

16H	3380	\$221.03
160H	3385	\$137.99
163H	3390	\$144.09

JOHN DEERE

[DEER]

<u>Model</u>	<u>Code</u>	<u>Rate</u>
JD-570A	3890	\$59.90
JD-570B	3892	\$68.64
JD-670	3900	\$79.39
JD-670A	3905	\$85.99
JD-670CH	3907	\$109.24
JD-770	3910	\$90.23
JD-770A, 770A-H	3915	\$104.58
JD-770B	3916	\$112.56
JD-772CH	3930	\$132.83

GALION

[GALN]

<u>Model</u>	<u>Code</u>	<u>Rate</u>
A-400E	4940	\$84.50
T-400A	4980	\$81.67
T-500C	5150	\$94.69
T-500L	5204	\$95.14
T-500M	5210	\$97.35

KOMATSU

[KOMA]

<u>Model</u>	<u>Code</u>	<u>Rate</u>
GD 505A-2	8980	\$88.25
GD 515A-1	8986	\$90.50
GD 605A-2	9000	\$97.58
GD 615A-1	9005	\$104.39
GD 625A-1C	9007	\$131.97
GD 655A-2	9010	\$108.85

HAMMERS, DEMOLITION & PILE

[HAMMR]

DELAY FACTOR = 0.21

OVERTIME FACTOR = 0.81

Includes attachments, accessories and power unit. Does not include carrier.

ABI

[ABI]

<u>Model</u>	<u>Code</u>	<u>Rate</u>
HVR-60	0100	\$47.07

AMERICAN PILE DRIVING

[APE]

EQUIPMENT

<u>Model</u>	<u>Code</u>	<u>Rate</u>
150	0010	\$199.74
180	0050	\$279.87
200/500	0060	\$309.07
300 VIBRO	0075	\$347.36
400B VIBRO	0085	\$556.19

ALLIED STEEL & TRACTOR

[AS&T]

<u>Model</u>	<u>Code</u>	<u>Rate</u>
800	0300	\$67.89
HYRAM 720	0310	\$7.85
HYRAM 725	0320	\$15.72
HYRAM 730	0330	\$18.40
HYRAM 740	0340	\$26.41
HYRAM 750	0350	\$28.80
HYRAM 77	0360	\$11.47
HYRAM 770	0370	\$27.59
HYRAM 780	0380	\$46.39
HYRAM 790	0390	\$58.62
HYRAM 88	0400	\$18.67

DELMAG

[DELM]

<u>Model</u>	<u>Code</u>	<u>Rate</u>
D-12	0500	\$27.94
D-16	0510	\$42.91
D-22	0520	\$68.23
D-30	0530	\$50.68
D-30-32	0540	\$72.54
D-36-32	0560	\$93.99
D46-32	0570	\$112.16
D62-22	0580	\$181.45
D100-13	0590	\$289.31

FOSTER

[FOST]

<u>Model</u>	<u>Code</u>	<u>Rate</u>
1700	0600	\$173.39
4030	0630	\$242.80
FNV-1800	0660	\$140.37
FNV-4150	0693	\$310.47

HYDRAULIC POWER SYS

[HPSI]

<u>Model</u>	<u>Code</u>	<u>Rate</u>
150	0420	\$120.64
260	0430	\$191.23
300	0440	\$229.39

I.C.E.

[ICE]

<u>Model</u>	<u>Code</u>	<u>Rate</u>
44-50	0450	\$289.47
216	0460	\$103.45
416L	0470	\$172.76
812	0480	\$274.20

KENT

[KENT]

<u>Model</u>	<u>Code</u>	<u>Rate</u>
KHB10G	0700	\$25.00
KHB 15G	0710	\$37.27
KHB 30G	0750	\$37.30
KHB 40G	0760	\$65.10

NPK			TUNKER			[TUNK]		
Model	Code	Rate	Model	Code	Rate	Model	Code	Rate
4XE	0795	\$21.06	40.01	1400	\$204.89			
6XA	0800	\$16.41	40.05	1450	\$204.89			
H-10XB	0810	\$45.62	60.05	1460	\$188.21			
H-12X	0815	\$44.58						
H-16X	0820	\$39.39	VULCAN					
H-20X	0840	\$41.67						
H4X,HXA	0860	\$14.38	Model	Code	Rate			
H7X	0880	\$16.97	1	1500	\$31.30			
			010	1520	\$46.32			
			100C	1540	\$49.92			
OKADA			2300	1560	\$185.84			
Model	Code	Rate	80C	1580	\$38.68			
UB-5	0900	\$9.84	HYDRAULIC CRANES & EXCAVATORS, CRAWLER MOUNTED [HCECL]					
UB-8	0950	\$19.83						
RAMMER			DELAY FACTOR = 0.17 OVERTIME FACTOR = 0.85					
Model	Code	Rate	Includes all attachments and accessories required for lifting or digging. Pavement breaker or compactor attachments are not included.					
S-84	1000	\$37.98	BANTAM					
S-86	1050	\$41.42						
STANLEY			Model	Code	Rate			
Model	Code	Rate	C 266	0680	\$108.72			
MB250	1100	\$8.39	C 366	0690	\$125.34			
MB2900	1120	\$29.38	C 744	1075	\$80.58			
MB4900	1140	\$51.85	CASE					
MB550	1160	\$13.15	Model	Code	Rate			
MB800	1180	\$19.25	9030B	0100B	\$118.13			
TELEDYNE			9040	0110	\$122.94			
Model	Code	Rate	9060B	0120B	\$250.59			
950X	1190	\$42.93	40E E-Boom	1600	\$99.89			
TB1025	1195	\$47.53	40E Y-Boom	1601	\$100.30			
TB1425X	1200	\$42.91	50E	1602	\$126.59			
TB2225X	1220	\$80.06	125B	1602H	\$100.15			
TB425	1240	\$18.38	170C	1602N	\$141.34			
TB825X	1260	\$31.16	220B	1602R	\$178.63			
TRAMAC			880B Y-Boom	1609	\$71.51			
Model	Code	Rate	980B	1615	\$110.58			
BRH1100	1300	\$47.29	1080	1615E	\$97.99			
BRH125	1310	\$15.03	1080B	1615J	\$99.68			
BRH250	1320	\$15.80	1280	1616	\$132.84			
BRH400	1330	\$15.19	1280B	1616E	\$126.20			
BRH620	1340	\$31.97	CATERPILLAR					
BRH750	1350	\$26.26	Model	Code	Rate			
BRV950	1360	\$27.52	303.5E CR	0100	\$38.52			
			304 CR	0200	\$40.17			
			305C CR	0250	\$54.54			
			308E2 CR SB	0270	\$59.64			
			308DCR	0271	\$52.21			
			312	0300	\$63.52			

312C	0300C	\$75.72	245B Front Shovel	1652B	\$314.94
312CL	0300CL	\$75.91	E 180	1653	\$86.78
314CL CR	0302CLR	\$76.92	EL 180	1654	\$87.97
315L	0305	\$76.56	EL 200B	1654E	\$92.96
320	0310	\$100.50	E 240	1655	\$111.09
320BL	0312	\$104.96	EL 240	1656	\$112.61
320C	0312C	\$117.92	E 300	1657	\$139.59
320CL	0312CL	\$131.08	E 300B	1657B	\$154.85
320L	0315	\$102.01	EL 300	1658	\$141.57
321C LCR	0320R	\$140.71	EL 300B	1658B	\$156.98
321D LCR	0321R	\$140.01	JOHN DEERE	[DEER]	
322L	0325	\$124.59	<u>Model</u>	<u>Code</u>	<u>Rate</u>
323F L	0326	\$135.78	225D LC	1575D	\$134.78
325	0330	\$132.47	330C LC	1600C	\$193.65
325BL	0335	\$152.57	450LC	1645	\$234.94
325L	0340	\$137.38	490	1660	\$53.62
328D LCR	0343DR	\$176.08	490E	1660E	\$66.81
330BL	0345	\$187.69	690A	1685	\$77.99
330CL	0345CL	\$204.37	690B	1695	\$92.18
330D L	0345DL	\$239.96	690C	1697	\$85.50
330L	0350	\$174.71	690D	1697D	\$88.76
335F L CR	0350E	\$202.99	690E LC	1697ELC	\$100.51
336EL	0351E	\$242.85	790	1698	\$107.37
336F	0351F	\$235.69	790D	1698D	\$113.10
345BL	0355	\$242.11	790E LC	1698ELC	\$122.40
350L	0360	\$254.37	792	1699	\$126.62
375L	0365	\$399.27	890	1700	\$172.01
205	1617	\$42.85	890A	1705	\$154.69
211	1617E	\$65.57	892D LC	1708	\$143.85
213	1617H	\$71.96	990	1720	\$185.66
215	1618	\$71.33	992D LC	1722	\$206.31
215B LC	1619E	\$80.50	30	1725	\$26.14
215C	1619F	\$88.62	50	1730	\$41.86
215D	1619G	\$98.01	70	1735	\$37.81
225	1620	\$102.51	200LC	1745	\$113.92
225LC	1621	\$103.05	DROTT	[DROT]	
225D LC	1622	\$128.77	<u>Model</u>	<u>Code</u>	<u>Rate</u>
227	1623	\$106.21	35D E boom	1835	\$75.11
229	1625	\$138.71	35D Y boom	1845	\$75.54
231D	1630	\$157.73	40D E boom	1930	\$96.06
231DLC	1635	\$159.37	40D Y boom	1965	\$101.38
235	1640	\$161.12	50D	2005	\$124.05
235B	1642	\$179.01	FIAT-ALLIS	[F-A]	
235 Front Shovel	1645	\$171.27	<u>Model</u>	<u>Code</u>	<u>Rate</u>
235B Front Shovel	1647	\$190.51	FE 18	9000	\$66.22
235C	1648	\$204.55	FE 20 HD	9010	\$83.21
235DLC	1649	\$210.67	FE 20 LC	9020	\$79.17
245	1650	\$270.99	FE 28	9030	\$111.91
245B	1650B	\$298.93			
245 Front Shovel	1652	\$283.21			

FE 40 L	9040	\$189.81	KOBELCO	[KOBL]	
GRADALL	[GRAD]		<u>Model</u>	<u>Code</u>	<u>Rate</u>
<u>Model</u>	<u>Code</u>	<u>Rate</u>	SK200LC MARK III	4687	\$101.37
G 660	0150	\$89.51	K 903B	4688	\$48.68
G 660B	0160	\$115.53	K 904D	4693	\$52.21
G 660C	0170	\$116.31	K 904E	4694	\$54.85
G 880B	0210	\$122.62	K 904 Mark II	4694A	\$54.32
G 880C	0215	\$116.46	K 905	4695	\$58.90
G 1000	0230	\$195.15	K 905A LC	4697	\$63.23
XL4200	0260	\$119.54	K 907C	4700	\$84.32
XL5200	0280	\$144.98	K 907D	4702	\$90.63
HITACHI	[HIT]		K 907 LC	4704	\$91.41
<u>Model</u>	<u>Code</u>	<u>Rate</u>	K 909A	4710	\$117.55
UH 07LC	2630	\$86.93	K 909 LC	4711	\$120.17
UH 062	2660	\$98.87	K 912A	4712	\$139.41
UH 172	2695	\$172.04	K 914	4715	\$164.94
UH 122	2750	\$115.24	K 916	4717	\$185.37
EX 150	2797	\$78.13	SK270LC MARK IV	4720	\$142.41
EX 200 LC	2800	\$96.07	SK400LC MARK IV	4725	\$251.04
EX 270 LC	2806	\$139.59	KOEHRING	[KOEH]	
EX 300LC-2	2807	\$166.84	<u>Model</u>	<u>Code</u>	<u>Rate</u>
EX 300LC-3	2807A	\$170.51	366 post 1980	4752	\$146.38
EX 330LC-5	2807B	\$195.37	466E	4990	\$168.65
EX 370-5	2807F	\$194.96	566	5160	\$180.43
EX 400 LC	2808	\$220.91	666, 666E	5225	\$228.79
EX 450LC-5	2808K	\$267.28	866, 866E	5235	\$264.56
EX 550LC	2809	\$316.66	6611	6000	\$54.19
EX 700	2810	\$377.14	6614	6005	\$66.44
EX 750-5	2815	\$420.38	6612	6010	\$64.59
EX 1100	2880	\$495.55	6620	6015	\$92.50
HYUNDAI	[HYUN]		6625	6020	\$112.30
<u>Model</u>	<u>Code</u>	<u>Rate</u>	6633	6029	\$161.10
200LC	2950	\$96.99	6644	6040	\$212.39
210LC-3	2952C	\$115.93	KOMATSU	[KOMA]	
280LC	2960	\$144.36	<u>Model</u>	<u>Code</u>	<u>Rate</u>
290LC	2970	\$149.51	PC 120-5	9485	\$68.08
450LC	3010	\$221.99	PC 138US LC-10	9486	\$102.92
INTERNATIONAL	[INTL]		PC 150-1	9490	\$62.27
<u>Model</u>	<u>Code</u>	<u>Rate</u>	PC 150-3	9495	\$75.97
630	4250	\$69.90	PC 200 LC-2	9500	\$77.67
640 HD	4260	\$90.58	PC 200-5	9504	\$99.57
650 HD	4280	\$99.87	PC 200 LC-3	9505	\$92.58
KATO	[KATO]		PC 200 LC-5	9506	\$100.42
<u>Model</u>	<u>Code</u>	<u>Rate</u>	PC 220 LC-2	9510	\$100.27
HD450 VII	3050	\$65.52	PC 220 LC-3	9515	\$115.02
HD700 VII LC	3060	\$94.45	PC 220 LC-5	9516	\$123.91
HD1250 VII LC	3080	\$160.15	PC 220 LC-6	9516F	\$132.69
			PC 220 LC-7	9516G	\$142.80
			PC 280 LC-3	9517	\$130.13

PC 300 LC-1, LC-2	9520	\$130.00	MASSEY FERGUSON	[M-F]	
PC 300 LC-3	9525	\$152.77	<u>Model</u>	<u>Code</u>	<u>Rate</u>
PC 300 LC-5	9526	\$171.48	MF 450D	6245	\$55.95
PC 300 LC-6	9526A	\$187.08	MF 450S	6250	\$60.78
PC 300 LC-7	9526B	\$209.42			
PC 360 LC-3	9527	\$172.72	MTSUBISHI	[MITS]	
PC 400 LC-1	9530	\$174.95	<u>Model</u>	<u>Code</u>	<u>Rate</u>
PC 400 LC-3	9535	\$204.32	MS 090	6290	\$39.11
PC 400 LC-5	9536	\$226.11	MS 180-3	6295	\$75.01
PC 400 LC-6	9537	\$254.12	MS 180 LC-8	6296	\$85.06
PC 600 LC-6	9539	\$348.22	MS 230 LC-3	6300	\$97.86
PC 650-1	9540	\$318.10	MS 240 LC-8	6305	\$105.86
PC 650-1 Front Shovel	9550	\$333.44	MS 280-2	6310	\$120.03
PC 650-3	9552	\$334.05	MS 380-2	6320	\$167.47
PC 750-6	9555	\$418.68	MS 450-8	6330	\$195.22
PC 1000-1	9560	\$499.44			
PC 1000 LC-1	9565	\$512.51	NORTHWEST	[NW]	
PC 1100 LC-6	9575LC	\$573.73	<u>Model</u>	<u>Code</u>	<u>Rate</u>
LINK-BELT	[L-B]		35 DH	6335	\$155.49
<u>Model</u>	<u>Code</u>	<u>Rate</u>	45 DH	6340	\$167.59
LS 1600	5390	\$41.58	55 DH	6345	\$175.38
LS 2650	5395	\$58.00	55 DH Series II	6360	\$308.41
LS 2700C II	5398	\$76.98	P&H	[P&H]	
2700 QUANTUM	5399	\$83.62	<u>Model</u>	<u>Code</u>	<u>Rate</u>
LS 2800	5400	\$68.18	H 750	6628	\$73.16
LS 2800A	5402	\$76.97	H 1250	6630	\$124.76
LS 2800A PL	5404	\$67.34	H 1750	6635	\$151.60
LS 2800 PL	5405	\$64.41	H 2500	6645	\$195.40
LS 2800B	5410	\$85.29	HS 2500	6650	\$200.39
LS 3400	5475	\$112.26	TAKEUCHI	[TAKU]	
LS 3400C II	5477	\$118.76	<u>Model</u>	<u>Code</u>	<u>Rate</u>
LS 4300	5660	\$141.39	TB 15	7686	\$16.86
LS 4300C II	5662	\$155.86	TB 025	7686A	\$28.92
LS 4800	5750	\$161.90	TB 045	7686E	\$47.86
LS 4800 PL	5755	\$147.66	TB 070	7686H	\$46.98
LS 5400	5805	\$190.22	TB 10S	7688	\$13.61
LS 5800	5810	\$196.73	TB 35S	7690	\$27.43
LS 5800A	5812	\$207.08	TB 68S	7692	\$38.58
LS 5800C II	5814	\$215.95	TB 800	7695	\$19.08
LS 6400	5820	\$290.58			
LS 7400	5830	\$294.74			
LS 7400A	5840	\$351.82			

HYDRAULIC CRANES & EXCAVATORS, [HCESP] SELF PROPELLED.

DELAY FACTOR = 0.13 OVERTIME FACTOR = 0.89

Includes all attachments and accessories required for lifting or digging.
Pavement breaker or compactor attachments are not included.

BUCYRUS-ERIE

[B-E]

<u>Model</u>	<u>Code</u>	<u>Rate</u>
300C/SP	1670	\$89.99
320C	1672	\$90.19
360C	1678	\$90.54

BADGER

[BAGR]

<u>Model</u>	<u>Code</u>	<u>Rate</u>
4425/30	1565	\$120.04
4435	1570	\$133.15
4435B	1573	\$134.68
4435C	1573C	\$142.31
4445	1574	\$177.88
4450	1575	\$140.23
4450B	1577	\$147.63
4455	1579	\$178.65

CASE

[CASE]

<u>Model</u>	<u>Code</u>	<u>Rate</u>
40E E-Boom, Cruz Air	1685	\$76.64
40E Y-Boom, Cruz Air	1687	\$76.87
40F E-Boom, Cruz Air	1687H	\$79.03
40F Y-Boom, Cruz Air	1687K	\$79.87
45 E-Boom, Cruz Air	1688	\$99.56
45 Y-Boom, Cruz Air	1689	\$104.60
45B E-Boom, Cruz Air	1689H	\$104.85
45B Y-Boom, Cruz Air	1689K	\$105.64
880R E-Boom	1690	\$69.76
880R Y-Boom	1695	\$69.89
1085 E-Boom, Cruz Air	1696E	\$78.83
1085 Y-Boom, Cruz Air	1696Y	\$79.15
1085B Y-Boom, Cruz Air	1696Z	\$88.93
1285 E-Boom, Cruz Air	1697E	\$100.88
1285 Y-Boom, Cruz Air	1697Y	\$101.04
3330 Low Profile	1698E	\$40.83
3330B	1698H	\$41.08

CATERPILLAR

[CAT]

<u>Model</u>	<u>Code</u>	<u>Rate</u>
206	1699	\$54.11
212	1699E	\$69.62
214	1699H	\$75.25
224	1699J	\$92.49

GRADALL

Model

G 3WD, 4x4

GROVE

Model

24

36

68

1012

2535

RT-48

RT-49

RT-58

RT-418

RT-420

RT-422

RT-500D

RT-525

RT-525B

RT-525C

RT-527.5

RT-528B

RT-528C

RT-60

RT-60S

RT-515

RT-518

RT-520

RT-522

RT-522C

RT-625

RT-630

RT-630B

RT-635

RT-65 S

RT-740

RT-745

RT-75 S

RT-755

RT-760

RT-865

RT-865B

RT-875

RT-980

RT-990

RT-9100

[GRAD]

Code

0110

Rate

\$115.88

[GROV]

Code

3820

\$44.20

3830

\$73.07

3850

\$82.56

3870

\$97.17

3880

\$128.79

4030

\$76.86

4115

\$77.15

4285

\$78.45

4354

\$91.57

4356

\$91.57

4358

\$91.57

4359

\$126.50

4360

\$88.68

4362

\$91.75

4363

\$110.37

4365

\$89.58

4370

\$91.75

4372

\$110.89

4520

\$91.19

4540

\$93.22

4606

\$88.41

4607

\$90.45

4608

\$92.06

4609

\$91.26

4609G

\$107.98

4630

\$98.88

4635

\$98.88

4637

\$104.42

4640

\$113.83

4700

\$120.48

4710

\$132.40

4715

\$163.21

4720

\$126.84

4725

\$141.04

4727

\$197.80

4730

\$173.48

4732

\$233.47

4735

\$213.32

4750

\$206.15

4760

\$235.57

4790

\$292.69

KOMATSU			[KOMA]			P&H			[P&H]		
Model	Code	Rate				Model	Code	Rate			
PW 210-1	9580	\$123.36				OMEGA 14	5790	\$83.15			
LINK-BELT			[L-B]			OMEGA 15	5792	\$83.15			
Model	Code	Rate				OMEGA 18	5794	\$83.61			
HSP 15	5500	\$87.46				OMEGA 25	5795	\$110.37			
HSP 18	5505	\$87.46				OMEGA 20	5796	\$84.33			
HSP 20	5510	\$93.81				OMEGA 23	5796E	\$87.27			
HSP 22	5530	\$95.30				OMEGA 30	5796J	\$112.96			
HSP 25	5535	\$100.51				OMEGA 35	5796P	\$113.99			
HSP 8015	5538	\$98.18				OMEGA 40	5797	\$152.89			
HSP 8018	5538E	\$98.18				OMEGA 45	5797E	\$154.73			
HSP 8018XL	5538G	\$120.42				OMEGA 50	5797J	\$156.21			
HSP 8018C	5538H	\$88.12				OMEGA 60	5798	\$163.76			
HSP 8025	5538P	\$102.80				OMEGA 65	5799	\$188.50			
HSP 8025 S	5538PF	\$103.17				OMEGA 114	5799C	\$93.20			
HSP 8030	5538Q	\$117.50				OMEGA 114D	5799G	\$91.12			
HSP 8035	5538R	\$169.16				OMEGA 118	5799Q	\$94.80			
HSP 8040	5538S	\$169.31				OMEGA 118D	5799S	\$91.27			
HSP 8050	5538T	\$171.60				OMEGA 120	5799U	\$96.56			
HSP 8055	5538V	\$156.64				OMEGA 120D	5799W	\$92.03			
HSP 8060	5539	\$186.16				OMEGA 122	5799X	\$97.61			
LORAIN			[LORN]			OMEGA 122D	5799Y	\$92.64			
Model	Code	Rate				OMEGA 125	5799Z	\$98.01			
LRT 15H	5730	\$89.32				OMEGA 128	5799ZA	\$96.52			
LRT 15U	5735	\$90.61				R 150	5890	\$71.88			
LRT 18U	5740	\$91.14				R 150-1	5910	\$71.35			
LRT 35U	5745	\$132.08				R 180	5975	\$72.22			
LRT 40U	5750	\$133.21				R 200	6060	\$72.56			
LRT 150	5755	\$88.29				OMEGA S-15	6062	\$113.34			
LRT 150D	5756	\$104.00				OMEGA S-18	6063	\$113.34			
LRT 180	5760	\$88.22				OMEGA S-20	6064	\$116.10			
LRT 180D	5760D	\$104.00				S-35	6064E	\$161.90			
LRT 200	5765	\$87.92				PETTIBONE			[PET]		
LRT 200D	5765D	\$104.18				Model	Code	Rate			
LRT 220	5767	\$90.66				16 MK P Series	6500	\$77.51			
LRT 230	5768	\$94.14				20 MK P Series	6580	\$78.18			
LRT 230D	5768D	\$104.21				25	6740	\$74.40			
LRT 250	5769	\$94.17				25 MK P Series	6750	\$79.01			
LRT 250D	5769D	\$104.21				29 MK P Series	6880	\$80.10			
LRT 275	5770	\$94.17				30	6900	\$74.40			
LRT 275D	5770D	\$104.21				30 MK P Series	6903	\$81.16			
LRT 330	5772	\$123.59				30 SC, 30 SC P Series	6910	\$115.64			
LRT 400	5773	\$140.58				60 SC	6990	\$121.40			
LRT 450	5774	\$143.93				60 SC P Series	6995	\$129.09			
LRT 500	5775	\$147.18				70	7100	\$128.14			
LRT 550	5790	\$152.80				70 SC	7165	\$129.05			
						70 SC P Series	7170	\$135.69			
						80 MK P Series	7250	\$125.67			

80 SC P Series **7260** \$127.16

R.O. PRODUCTS [ROP]

<u>Model</u>	<u>Code</u>	<u>Rate</u>
MC 5A	8005	\$48.84
MC 50B	8175	\$77.06
MC 50C	8260	\$78.46

**HYDRAULIC CRANES & EXCAVATORS, [HCETD]
TRUCK MTD. W/ CARRIER**

DELAY FACTOR = 0.12 OVERTIME FACTOR = 0.90

Includes truck/carrier. Includes all attachment and accessories required for lifting or digging. Pavement breaker or compactor attachments are not included.

BUCYRUS-ERIE [B-E]

<u>Model</u>	<u>Code</u>	<u>Rate</u>
25 XC	1360	\$104.98
30 XC	1370	\$105.67
40 C	1475	\$96.84
60 XC	1590	\$168.72
65 C	1592	\$145.67
90 XC	1600	\$181.01

BADGER [BAGR]

<u>Model</u>	<u>Code</u>	<u>Rate</u>
300 Hydro-Scopic	0550	\$71.76
460 Hydro-Scopic	0555	\$87.47
666 Hydro-Scopic	0560	\$132.51
888 Hydro-Scopic	0600	\$138.54

BANTAM [BANT]

<u>Model</u>	<u>Code</u>	<u>Rate</u>
T 744 Teleskoop	1285	\$85.21
T 888	1310	\$126.87
T 888B	1315	\$149.01

DEVAULT [DVUT]

<u>Model</u>	<u>Code</u>	<u>Rate</u>
TK 15-10	1900	\$64.40

GRADALL [GRAD]

<u>Model</u>	<u>Code</u>	<u>Rate</u>
G 3W	0120	\$89.92
G 660	0170	\$86.60
G 660B	0180	\$113.73
G 660C	0190	\$109.17
G 800	0210	\$77.34
G 880B	0220	\$122.57
G 880C	0230	\$117.48
G 1000	0240	\$126.82

GROVE

<u>Model</u>	<u>Code</u>	<u>Rate</u>
TD 520	2221	\$133.97
TD 522	2223	\$133.97
TD 525	2224	\$134.93
TMS 250	2850	\$124.63
TMS 250A	2860	\$125.15
TMS 250B	2870	\$125.15
TMS 250C	2875	\$169.52
TMS 300	2922	\$148.68
TMS 300B	2923	\$167.39
TMS 760	3180	\$256.29
TMS 865	3378	\$191.94
TM 875	3380	\$219.92
TMS 875	3385	\$220.80
TM 890	3387	\$232.28
TM 1075	3390	\$196.91

HIAB

<u>Model</u>	<u>Code</u>	<u>Rate</u>
100 AW	3850	\$59.88
1165	3852	\$56.16
170 thru 174	3854	\$54.55
175 thru 177	3855	\$54.71
550, 5501	3857	\$58.09
650	3859	\$59.10

KOEHRING

<u>Model</u>	<u>Code</u>	<u>Rate</u>
4460 Teleskoop	4400	\$87.05
4465 Teleskoop	4405	\$88.34
4470 Teleskoop	4410	\$102.43
4475 Teleskoop	4415	\$103.71

LINK-BELT

<u>Model</u>	<u>Code</u>	<u>Rate</u>
HTC 14	4505	\$122.11
HTC 25	4507	\$122.11
HTC 35	4509	\$132.49
HTC 50	4510	\$177.31
HTC 50W	4520	\$170.75
HTC 814	4530	\$157.50
HTC 814XL	4531	\$162.83
HTC 822 S	4532	\$149.09
HTC 825	4535	\$140.78
HTC 825 S	4536	\$150.22
HTC 830	4537	\$159.56
HTC 835	4539	\$168.06
HTC 835XL	4539C	\$189.64
HTC 840	4539E	\$193.30
HTC 850	4539G	\$198.76

[GROV]

[HIAB]

[KOEH]

[L-B]

HTC 855	4539H	\$178.08	T-300A	5665	\$144.99
HTC 860	4539J	\$201.70	OMEGA T-400	5666M	\$174.90
HTC 1040	4540	\$191.43	OMEGA T-450	5669	\$176.72
HTC 1050	4545	\$193.25	T-600 XL	5670	\$208.16
HTC 1055	4550	\$182.00	OMEGA T-500	5680	\$176.71
HTC 1060	4555	\$198.20	OMEGA T-650	5745	\$241.97
HTC 11100	4600	\$349.40	T-750	5780	\$164.34

LORAIN

[LORN]

<u>Model</u>	<u>Code</u>	<u>Rate</u>
MCH 140	4942	\$143.28
MCH 150	4946	\$135.54
MCH 180	4947	\$135.54
MCH 300	4953	\$156.72
MCH 350	4955	\$122.96
MCH 400	4957	\$170.64
MCH 500	4960	\$132.74

MANITEX

[MANX]

<u>Model</u>	<u>Code</u>	<u>Rate</u>
1161	4980	\$63.26
1770	4985	\$104.07
2284	4990	\$107.00
2592	4995	\$109.05

NATIONAL

[NATL]

<u>Model</u>	<u>Code</u>	<u>Rate</u>
Ser 4/400, 11.3 m (37') boom	4983	\$59.14
Ser 4/400, 14.0 m (46') boom	4984	\$59.36
Ser 4/400, 16.8 m (55') boom	4985	\$59.54
Ser 5/500A/B, 14.3 m (47') boom	4986	\$65.11
Ser 5/500A/B, 17.1 m (56') boom	4987	\$65.76
Ser 6/600, 14.3 m (47') boom	4989	\$64.71
Ser 6/600, 17.1 m (56') boom	4990	\$65.09
856	4995	\$65.64
856B	4996	\$64.77
875	4997	\$66.43
875B	4998	\$67.96
Series 85	4999	\$61.33

P&H

[P&H]

<u>Model</u>	<u>Code</u>	<u>Rate</u>
ALPHA 100 ton	5000	\$316.03
CN T-280	5005	\$178.35
T-150	5290	\$133.54
T-180	5380	\$134.00
T-200	5470	\$134.57
T-250	5560	\$156.08
CN T-250	5561	\$180.86
OMEGA T-250	5570	\$146.57
OMEGA T-300	5580	\$150.09
OMEGA T-350	5585	\$151.39

PITMAN

[PIT]

<u>Model</u>	<u>Code</u>	<u>Rate</u>
Hydralift HL 40 thru 95	6670	\$54.96
Hydralift HL 100 thru 170	6675	\$58.95
HL 857	6685	\$64.31
HL 1200, 1545-T2 or 1580	6695	\$66.79
POLECAT	6697	\$68.66
PELICAN	6699	\$71.73

R.O. PRODUCTS

[ROP]

<u>Model</u>	<u>Code</u>	<u>Rate</u>
TC-40	6860	\$55.99
TC-50	6862	\$57.65
TC-70	6864	\$59.09
TC-80	6866	\$59.24
TC-85	6868	\$58.71
TC-110	6870	\$63.54
TC-120	6872	\$64.09
TC-125	6874	\$63.79
TC-145	6876	\$66.96
TC-150	6878	\$65.20

HYDRAULIC CRANES & EXCAVATORS, [HCETG] TRUCK MTD. LESS CARRIER.

DELAY FACTOR = 0.09 **OVERTIME FACTOR = 0.92**

Includes all lifting and digging attachments and accessories. Truck/carrier to be paid separately. Pavement breaker or compactor attachments are not included.

BUCYRUS-ERIE

[B-E]

<u>Model</u>	<u>Code</u>	<u>Rate</u>
H-3 series two	1000	\$53.34
H-5 series two	1300	\$61.97

GALION

[GALN]

<u>Model</u>	<u>Code</u>	<u>Rate</u>
125 P	1970	\$66.18
150 P	1980	\$79.61

GROVE

[GROV]

<u>Model</u>	<u>Code</u>	<u>Rate</u>
TM 100C	2020	\$96.00
TM 200C	2040	\$73.40

HYDRAULIC PERSONNEL LIFTS & AERIAL WORK PLATFORMS	[HYLFT]
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DELAY FACTOR = 0.21 OVERTIME FACTOR = 0.81

Includes self propelled and power take off(PTO) units whether gas, diesel or electric. Rates for any truck or carrier mounted units shall pay for the truck separately. Reach is rated by Mfr's maximum extension in meters(feet).

BOOM TYPE		[BOOM]	
<u>OVER</u>	<u>TO</u>	<u>Code</u>	<u>Rate</u>
0	7.6 (25)	00-24	\$21.34
7.6 (25)	15.2 (50)	25-49	\$49.64
15.2 (50)	22.9 (75)	50-74	\$68.40

SCISSOR TYPE		[SCIS]	
<u>OVER</u>	<u>TO</u>	<u>Code</u>	<u>Rate</u>
0	6.1 (20)	00-20	\$23.08
6.4 (21)	9.1 (30)	21-30	\$27.58
9.4 (31)	15.2 (50)	31-50	\$40.98

LOADERS, CRAWLER	[LDRCL]
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DELAY FACTOR = 0.11 OVERTIME FACTOR = 0.91

Includes all attachments and accessories excluding clam-action buckets and backhoe(see attachment class).

CASE		[CASE]	
<u>Model</u>		<u>Code</u>	<u>Rate</u>
350B		2370	\$44.61
450B		2610	\$40.09
455B		2620	\$41.95
455C		2620A	\$47.20
1155D		3555	\$82.14
1155E		3556	\$90.29
1450		3560	\$91.43
1450B		3565	\$100.96
1455B		3568	\$101.87

CATERPILLAR		[CAT]	
<u>Model</u>		<u>Code</u>	<u>Rate</u>
259D		2159	\$54.87
289D		2189	\$57.66
299D XHP		2190	\$83.92
299D2		2199A	\$72.81
931B		3735	\$45.75
931C		3735C	\$48.36
931 LGP		3740	\$43.15
931B LGP		3745	\$46.91
935B		3845	\$54.17
935C		3845C	\$57.34
939C		3900	\$79.14
943		4130	\$67.86
943 LGP		4135	\$64.52
951C 86J 1992 serial		4200	\$63.02

951C 86J 2598 serial	4210	\$68.81
951C LGP 86J 2598 ser	4215	\$69.68
953	4220	\$91.80
953 LGP	4230	\$86.54
955L 85J 6247 serial	4675	\$88.71
955L 85J 13X10129 ser	4680	\$95.10
955L LGP 85J 13X10129	4685	\$95.46
963	4690	\$126.54
963 LGP	4693	\$116.43
973	4695	\$192.15
973 LGP	4698	\$163.77
977K	5014	\$105.49
977K 11K serial	5092	\$109.84
977L 11K 3919 serial	5170	\$126.92
977L 11K 5083 serial	5180	\$136.77
977L 14X serial	5185	\$141.71
977L LGP	5190	\$141.36
983	5248	\$194.54
983B	5265	\$207.27

JOHN DEERE		[DEER]	
<u>Model</u>		<u>Code</u>	<u>Rate</u>
JD 350C		5420	\$47.30
JD 450C (4 speed PS)		5805	\$46.76
JD 455D		5807	\$49.03
JD 455E		5809	\$49.94
JD 455G		5809A	\$59.40
JD 555		5810	\$52.64
JD 555A		5812	\$57.94
JD 555B		5814	\$57.14
JD 555G		5814A	\$80.06
JD 655		5815	\$82.82
JD 655B		5817	\$94.72
JD 755		5820	\$78.67
JD 755A		5822	\$97.24
JD 755B		5824	\$109.48
JD 855		5830	\$147.52

DRESSER		[DRES]	
<u>Model</u>		<u>Code</u>	<u>Rate</u>
100E (PS)		9000	\$48.16
100G		9005	\$55.14
125E (PS)		9010	\$59.15
125G		9015	\$66.16
175C (PS)		9020	\$116.21
200		9025	\$134.77
250C (PS)		9030	\$139.72
250E (PS)		9035	\$160.60

KOMATSU**[KOMA]**

<u>Model</u>	<u>Code</u>	<u>Rate</u>
D 53S-16	7878	\$79.63
D 53S-17	7878A	\$93.00
D 55S-2	7900	\$82.90
D 55S-3	7978	\$82.90
D 57S-1	8000	\$108.56
D 65S-6	8017	\$108.67
D 66S-1	8020	\$144.08
D 75S-2	8056	\$117.86
D 75S-3	8060	\$145.13
D 75S-5	8061	\$201.59
D 155S-1	8080	\$278.90

LOADERS, RUBBER TIRE**[LDRRT]****DELAY FACTOR = 0.10****OVERTIME FACTOR = 0.90**

Includes all attachments and accessories. Clam-action buckets, 4WD and backhoes are excluded unless otherwise noted.

ALLIS-CHALMERS**[A-C]**

<u>Model</u>	<u>Code</u>	<u>Rate</u>
710C	0747	\$47.24
714B	0750	\$46.27
714C w/ backhoe	0752	\$48.95
715B w/ backhoe	0765	\$48.31
715C w/ backhoe	0767	\$49.23

CASE**[CASE]**

<u>Model</u>	<u>Code</u>	<u>Rate</u>
W-11	1365	\$43.40
W-11B	1368	\$53.16
W-18	1444	\$74.65
W-18 9213140 serial	1450	\$78.45
W-18B	1460	\$84.51
W-20	1472	\$78.57
W-20B	1480	\$79.40
W-20C	1482	\$85.35
W-30	1565	\$117.28
480B	1636	\$38.31
480B w/ backhoe	1640	\$39.67
480C	1650	\$49.28
480C w/ backhoe	1660	\$50.93
480D	1662	\$54.93
480D w/ backhoe	1664	\$56.99
480E w/ backhoe	1666	\$46.49
480E LL	1667	\$45.20
480F w/ backhoe	1668	\$47.87
480F LL	1669	\$46.00
480LL	1677	\$54.98
570L XT 4WD	1690	\$52.52

570N XT	1700	\$65.87
580B w/ backhoe	1705	\$49.89
580C	1710	\$39.44
580C w/ backhoe	1715	\$41.45
580D	1717	\$40.87
580D w/ backhoe	1720	\$43.51
580 Super D	1725	\$44.61
580 Super D w/ backhoe	1727	\$47.30
580 Super E	1731	\$46.04
580 Super E w/ backhoe	1735	\$48.94
580K w/ backhoe	1739	\$49.24
580K 4WD w/ backhoe	1740	\$50.39
580 Super K w/ backhoe	1742	\$54.48
580L w/ backhoe	1743	\$54.76
580 Super L 4WD w/ backhoe	1744	\$63.43
590 Turbo w/ backhoe	1745	\$66.65
590 Super L 4WD w/ backhoe	1746	\$69.23
621	1750	\$89.94
721	1752	\$109.13
821	1754	\$133.31
680E w/ backhoe	1840	\$62.40
680G w/ backhoe	1850	\$61.07
680H w/ backhoe	1852	\$64.12
680K w/ backhoe	1854	\$70.37
680L w/ backhoe	1856	\$71.15
680L 4WD w/ backhoe	1857	\$72.00
780 w/ backhoe	1864	\$80.88
780B w/ backhoe	1866	\$86.03
780C w/ backhoe	1867	\$87.43
780D w/ backhoe	1868	\$88.25
780D 4WD w/ backhoe	1869	\$89.72

CATERPILLAR**[CAT]**

<u>Model</u>	<u>Code</u>	<u>Rate</u>
415F2	1850F2	\$62.39
416 w/ backhoe	1860	\$49.07
416 Series II w/ backhoe	1860A	\$49.33
416B 4WD w/ extend-a-hoe	1861A	\$60.42
416C 4WD w/ backhoe	1861C	\$62.36
416D w/ backhoe	1861D	\$57.22
416D 4WD w/ backhoe	1861D4	\$58.39
420D w/ backhoe	1861M	\$64.29
420D 4WD w/ backhoe	1861M4	\$65.46
420E	1861N	\$76.40
420F2	1861N2	\$90.63
426 w/ backhoe	1862	\$55.46
426 Series II w/ backhoe	1862A	\$55.71
426C w/ backhoe	1862C	\$69.05
426C 4WD w/ backhoe	1862C4	\$70.55
428 w/ backhoe	1864	\$55.43
428 Series II w/ backhoe	1864A	\$55.69

430D	1865D	\$76.98	988B 50W serial	2436	\$322.68
430E	1865E	\$81.35	992B 25K serial	2460	\$413.34
436 w/ backhoe	1866	\$60.52	992C	2470	\$612.41
436 Series II w/ backhoe	1866A	\$60.74	IT 12	2472	\$52.98
446 w/ backhoe	1868	\$77.69	IT 12B	2472B	\$61.63
446B w/ backhoe	1868B	\$85.43	IT 14F	2473	\$71.15
446D	1868D	\$87.92	IT 18	2474	\$67.98
450E	1869E	\$106.35	IT 18B	2475	\$76.73
910	1870	\$52.16	IT 28	2476	\$82.57
910E	1870E	\$61.19	IT 28B	2477	\$89.04
916	1885	\$69.33	IT 28F	2477G	\$102.81
920	1894	\$63.74	IT 28G	2478	\$106.21
926	2065	\$82.06	IT 38G	2480	\$122.46
926E	2067	\$88.27	IT 62G	2482	\$168.53
928G	2070G	\$104.71	CLARK	[CLRK]	
930 41K serial	2088	\$78.39	<u>Model</u>	<u>Code</u>	<u>Rate</u>
930G	2088G	\$124.28	35C	2484	\$65.56
936	2100	\$99.20	45C	2486	\$76.57
936E	2110	\$107.99	55C	2488	\$92.69
936F	2120	\$112.18	75C	2491	\$120.43
938F	2130	\$114.12	125B	2492	\$156.79
938G	2130G	\$129.23	275B	2496	\$271.53
950 90A serial	2228	\$86.76	275C	2497	\$291.56
950 31K & 81J serial	2270	\$101.30	JOHN DEERE	[DEER]	
950B	2272	\$123.87	<u>Model</u>	<u>Code</u>	<u>Rate</u>
950E	2300	\$131.03	JD-210C	2485	\$42.21
950F	2301	\$138.27	JD-210C w/ backhoe	2490	\$41.80
950F Series II	2303	\$142.27	JD-210LE	2495	\$54.96
950G	2310	\$152.37	JD-310A w/ backhoe	2504	\$43.87
950H	2310H	\$174.96	JD-310B w/ backhoe	2506	\$44.61
950M	2310M	\$209.48	JD-310C w/ backhoe	2507	\$49.31
962G	2320G	\$167.16	JD-310D w/ backhoe	2507D	\$55.07
966C	2340	\$145.12	JD-310E w/ backhoe	2507E	\$56.25
966D	2350	\$162.02	JD-310SE w/ backhoe	2507F	\$63.06
966E	2360	\$178.16	310G	2507G	\$57.73
966F	2361	\$182.03	JD-315SE w/ backhoe	2507H	\$63.74
966G	2362	\$202.59	JD-410 w/ backhoe	2508	\$47.75
966H	2362H	\$234.12	JD-410B w/ backhoe	2508B	\$48.50
966K	2362K	\$239.70	JD-410C w/ backhoe	2508C	\$57.29
966M	2362M	\$257.54	JD-410D w/ backhoe	2508D	\$67.57
970F	2370	\$212.52	JD-410E w/ backhoe	2508E	\$71.03
972G	2372G	\$226.36	410G	2508G	\$72.58
972M	2372M	\$267.08	410J 4WD	2508J	\$82.54
980B	2376	\$190.89	410K	2508K	\$88.65
980C	2378	\$226.26	JD-444	2510	\$63.88
980F	2381	\$232.78	JD-444C	2515	\$66.02
980G	2382	\$256.13	JD-444D	2520	\$68.40
980H	2382H	\$277.85	JD-444E	2521	\$73.88
982M	2385M	\$369.75	JD-500C w/ backhoe	2592	\$61.93
988 87A6868 serial	2398	\$234.46			

JD-510 w/ backhoe	2620	\$58.25	FR 20	3050	\$167.78
JD-510B w/ backhoe	2625	\$55.09	FR 30	3051	\$218.43
JD-510C w/ backhoe	2630	\$65.35	FR 20B	3051B	\$185.36
JD-510D w/ backhoe	2630D	\$76.55	FR 35	3052	\$287.98
JD-544B	2660B	\$79.12	FORD	[FORD]	
JD-544C	2660C	\$80.86	<u>Model</u>	<u>Code</u>	<u>Rate</u>
JD-544D	2660D	\$79.69	545C	3054	\$45.44
JD-544E	2660E	\$87.99	650 w/ backhoe	3056	\$50.49
JD-544G	2660G	\$96.01	655A w/ backhoe	3056F	\$55.40
544J	2660J	\$124.36	655C w/ backhoe	3056G	\$60.20
544K	2660K	\$138.97	750 w/ backhoe	3057	\$65.49
JD-610B w/ backhoe	2690	\$62.99	755 w/ backhoe	3061	\$68.92
JD-610C w/ backhoe	2691	\$72.37	755B w/ backhoe	3063	\$78.23
JD-624E	2700	\$104.96	755A w/ backhoe	3065	\$76.72
JD-624G	2700G	\$117.69	A-62	3114	\$67.54
JD-624H	2700H	\$129.01	A-64	3116	\$82.00
JD-644B	2710	\$109.36	A-66	3118	\$106.33
JD-644C	2715	\$112.51	FURUKAWA	[FURU]	
JD-644D	2717	\$117.02	<u>Model</u>	<u>Code</u>	<u>Rate</u>
JD-644E	2719	\$125.46	FL 320A	3120M	\$151.52
JD-644G	2719B	\$140.88	FL 330	3120S	\$165.03
JD-644H	2719H	\$150.54	HOUGH	[HOUG]	
644J	2719J	\$164.88	<u>Model</u>	<u>Code</u>	<u>Rate</u>
JD-710B w/ backhoe	2720	\$80.99	H65C	3578	\$106.39
JD-710C w/ backhoe	2721	\$89.74	H-90E	3884	\$182.08
JD-710D w/ backhoe	2722	\$96.20	H-100C	3954	\$215.37
JD-710D 4WD w/ backhoe	2722D	\$98.30	INTERNATIONAL	[INTL]	
710G	2722G	\$101.37	<u>Model</u>	<u>Code</u>	<u>Rate</u>
JD-744H	2723	\$204.19	260A	2260	\$49.14
744J	2723J	\$238.22	260A w/ backhoe	2270	\$50.92
JD-844	2725	\$201.08	270A w/ backhoe	2280	\$56.09
DRESSER	[DRES]		280A w/ backhoe	2285	\$68.19
<u>Model</u>	<u>Code</u>	<u>Rate</u>	J C B	[JCB]	
510B	2310	\$61.78	<u>Model</u>	<u>Code</u>	<u>Rate</u>
510C	2310C	\$81.97	214S w/ backhoe	4430	\$66.24
515B	3517	\$80.41	215S w/ backhoe	4435	\$72.56
515C	3517C	\$96.68	217S w/ backhoe	4440	\$76.13
520B	3519	\$92.77	3C 1550 2WD w/ hoe	4448	\$47.49
520C	3519C	\$115.06	3D 1700 4WD w/ hoe	4450	\$63.00
530	3520	\$129.51	1400B w/ backhoe	4455	\$53.76
530C	3520C	\$138.94	1550B w/ backhoe	4457	\$61.53
540	3530	\$174.78	1600B w/ backhoe	4458	\$70.65
550	3540	\$175.35	1700B w/ backhoe	4459	\$71.81
FIAT-ALLIS	[F-A]		KAWASAKI	[KAWA]	
<u>Model</u>	<u>Code</u>	<u>Rate</u>	<u>Model</u>	<u>Code</u>	<u>Rate</u>
545B	3042	\$76.36	60Z IV	4300	\$89.59
745C	3046	\$150.09	65Z IV	4310	\$100.03
FR 10	3049H	\$80.27			
FR 10B	3049I	\$86.74			

KSS 80Z II	4330	\$130.11	655E w/ backhoe	0130	\$70.33
80Z III	4335	\$149.20	675D 4WD w/ backhoe	0140	\$67.90
80Z IV	4340	\$151.44	675E 4WD w/ backhoe	0150	\$80.31
85Z IV	4345	\$190.81	TEREX		
90Z III	4350	\$211.77	[TERX]		
90Z IV	4355	\$216.20	<u>Model</u>	<u>Code</u>	<u>Rate</u>
95Z IV-2	4360	\$275.28	70C	7938	\$190.78
KOMATSU			72-61	8036	\$234.78
[KOMA]			72-71B	8055	\$304.36
<u>Model</u>	<u>Code</u>	<u>Rate</u>	72-81	8080	\$356.14
W 120-3	4520	\$153.17	VOLVO-MICHIGAN-EUCLID		
W 180-1	4525	\$216.56	[VME]		
WA 200-1	4536	\$85.76	<u>Model</u>	<u>Code</u>	<u>Rate</u>
WA 250-1	4537	\$116.88	175B	6186	\$195.90
WA 300-1	4538	\$112.24	175C	6186C	\$219.77
WA 320-1	4539	\$136.41	275B	6330	\$248.64
WA 350-1	4540	\$131.65	275C	6330C	\$291.56
WA 380-1	4541	\$162.25	L-70C	9570C	\$98.48
WA 380-3	4541C	\$161.19	L-90	9575	\$117.84
WA 400-1	4542	\$157.38	L-120	9595	\$153.22
WA 420-3	4543C	\$184.95	L-120C	9595C	\$159.44
WA 450-1	4544	\$194.37	L-150C	9598C	\$197.74
WA 450-2	4544B	\$218.58	L-160	9600	\$205.44
WA 450-3	4544C	\$220.73	L-180C	9602C	\$221.39
WA 470-1	4545	\$213.48	L-190	9605	\$238.31
WA 500-1	4546	\$254.60	L-250G	9606G	\$354.43
WA 600-1	4550	\$375.04	LEADS, PILE DRIVING		
WB 140-2 4WD	4700	\$69.12	[LEADS]		
WB 150-2 4WD	4710	\$79.49	DELAY FACTOR = 0.46		
MASSEY FERGUSON			OVERTIME FACTOR = 0.59		
[M-F]			FIXED	[FIXD]	
<u>Model</u>	<u>Code</u>	<u>Rate</u>	Includes headblock, taper top, tip sled and connector, foot yoke, foot yoke sheave, intermediate flights, and all attachments and accessories. Rated in accordance with height of the lead measured in meters (linear feet)		
MF 44C	5143	\$82.67	<u>OVER</u>	<u>TO</u>	<u>Code</u>
MF 50H Series S	5150	\$49.21	0	16.8 (55) (w/o spotter)	0100
MF 50H Series S, 4WD	5152	\$49.95	16.8 (55)	32.0 (105) (w/o spotter)	0200
MF 50HX Series S	5154	\$53.17	over	32.0 (105) (w/o spotter)	0300
MF 50HX Series S, 4WD	5156	\$54.11	0	16.8 (55) (w/ spotter)	1100
MF 55C	5170	\$105.96	16.8 (55)	32.0 (105) (w/ spotter)	1200
MF 60 w/ backhoe	5171	\$51.46	over	32.0 (105) (w/ spotter)	1300
MF 60H Series S w/ hoe	5172	\$55.61	SWINGING		
MF 66C	5174	\$134.73	[SWNG]		
MF 80 w/ backhoe	5182	\$73.83	Includes headblock, taper top, tip sled and connector, foot yoke, foot yoke sheave, intermediate flights, and all attachments and accessories. Rated in accordance with the height of the lead measured in meters (linear feet).		
MF 88	5184	\$213.96	<u>OVER</u>	<u>TO</u>	<u>Code</u>
640	6000	\$49.28	0	16.8 (55) (w/o spotter)	0400
650	6010	\$52.84	16.8 (55)	32.0 (105) (w/o spotter)	0500
NEW HOLLAND			over	32.0 (105) (w/o spotter)	0600
[NHND]			0	16.8 (55) (w/ spotter)	1400
<u>Model</u>	<u>Code</u>	<u>Rate</u>	<u>Rate</u>		
545D	0100	\$47.06			
575E w/ backhoe	0110	\$65.69			
655D w/ backhoe	0120	\$58.88			

16.8 (55)	32.0 (105) (w/ spotter)	1500	\$43.99
over	32.0 (105) (w/ spotter)	1600	\$53.85

NON-OPERATED EQUIPMENT (DAILY RATES)	[NONOP]
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DELAY FACTOR = 0.56

OVERTIME FACTOR = 1.00

Note various units for different items. The following allowance is entered on the extra work bill by using the (unit listed x number of days) in the hours worked column. The following list is limited to items with long estimated lives. Additional traffic related items such as cones and barricades, are still listed under TRAFIC in this publication. Other non-operated items with short estimated lives should be treated as materials and should not be "rented". Non rented items are 1) intended to be job specific (amortized over the life of the project) and 2) have an estimated life measured by number of uses rather than a length of time.

MISCELLANEOUS

[MISC]

<u>Model</u>	<u>Code</u>	<u>Rate</u>
Casing, 450 mm dia, per 0.3 m (Casing, 18" dia, per lf)	0120	\$0.05
Casing, 650 mm dia, per 0.3 m (Casing, 26" dia, per lf)	0130	\$0.08
Casing, 900 mm dia, per 0.3 m (Casing, 36" dia, per lf)	0140	\$0.11
Casing, 1800 mm dia, per 0.3 m (Casing, 72" dia, per lf)	0150	\$0.27
Casing, 2400 mm dia, per 0.3 m (Casing, 96" dia, per lf)	0160	\$0.33
Casing, 2700 mm dia, per 0.3 m (Casing, 108" dia, per lf)	0170	\$0.38
Casing, 3000 mm dia, per 0.3 m (Casing, 120" dia, per lf)	0180	\$0.50
Pile, all depths "H" pile, per 45.0 kg (Pile, all depths "H" pile, per hundred-weight)	0190	\$0.05
Pipe, 250-300 mm dia, per 0.3 m (Pipe, 10-12" dia, per lf)	0200	\$0.03
Plate, 22 mm thick, per 9.3 sm (Plate, 7/8" thick, per 100 sf)	0210	\$1.62
Plate, 25 mm thick, per 9.3 sm (Plate, 1" thick, per 100 sf)	0220	\$1.84
Plate, 38 mm thick, per 9.3 sm (Plate, 1.5" thick, per 100 sf)	0230	\$2.76

SCAFFOLDING, SHORING,

[SSFW]

FALSEWORK

<u>Model</u>	<u>Code</u>	<u>Rate</u>
Metal form, 1.8 m x3.0 m, per 14.6 m (Metal form, 6x10 box culvert, per 48 lf)	0310	\$56.22
Metal form, 2.4 m x3.7 m, per 15.2 m (Metal form, 8x12 box culvert, per 50 lf)	0320	\$62.31
Metal form, 2.1 m x4.3 m, per 15.2 m (Metal form, 7x14 box culvert, per 50 lf)	0330	\$68.49
Metal form, type 25 barrier, per 3.0 m (Metal form, type 25 barrier, per 10 lf)	0340	\$3.41
Metal form, type 26 barrier, per 3.0 m (Metal form, type 26 barrier, per 10 lf)	0350	\$3.61
Metal form, type 27 barrier, per 3.0 m (Metal form, type 27 barrier, per 10 lf)	0360	\$3.11
Metal form, type 50 barrier, per 3.0 m (Metal form, type 50 barrier, per 10 lf)	0370	\$3.37

Metal form, 1.8 m x 3.7 m girder panel, per 0.1 sm (6x12 girder panel, per sf)	0380	\$0.20
Metal form, all heights paving, per 3.0 m (Metal form, all heights paving, per 10 lf)	0390	\$0.05
Scaffolding, 1.5 m section, per section (Scaffolding, 5' section, per section)	0410	\$0.70
Scaffolding, 3.0 m section, per section (Scaffolding, 10' section, per section)	0420	\$1.56
Scaffolding, 4.6 m section, per section (Scaffolding, 15' section, per section)	0430	\$2.05
Scaffolding, bottom/top section, per 1.5 m section (per 5 ft section)	0440	\$0.97
Scaffolding, 2.1 m high, rolling (Scaffolding, 7' high, rolling)	0450	\$1.46
Scaffolding, spider staging, plus air compressor	0460	\$31.32
Shoring, 1.1 m deep x 2235 mm wide, per section (Shoring, 3.5' deep x 88" wide trench, per section)	0510	\$1.61
Shoring, 1.2 m deep x 3.7 m wide box, per 7.3 m (Shoring, 4' deepx12' wide trench box, per 24')	0515	\$14.72
Shoring, 1.5 m deep x 2235 mm wide, per section (Shoring, 5' deep x 88" wide trench, per section)	0520	\$1.70
Shoring, 2.1 m deep x 1397 mm wide, per section (Shoring, 7' deep x 55" wide trench, per section)	0530	\$1.49
Shoring, 2.1 m deep x 2235 mm wide, per section (Shoring, 7' deepx88" wide trench, per section)	0540	\$1.79
Shoring, 2.4 m deep x 4.6 m wide, per 3.0 m (Shoring, 8' deepx15' wide trench box, per 10')	0550	\$12.13
Shoring, 2.4 m deep x 2.4 m max width, per 7.3 m(8' deep x 8' max width trench box, per 24')	0560	\$23.95
Shoring, 3.0 m deep x 2.4 m max box, per 4.9 m (Shoring, 10' deepx8' max trench box, per 16')	0570	\$21.50
Shoring, 3.0 m deep x 2.4 m max box, per 7.3 m (Shoring, 10' deepx8' max trench box, per 24')	0580	\$29.92
Wood, 50 mm x255 mm, per 30.5 m (Wood, 2"x10", per 100 lf)	0605	\$0.20
Wood, 50 mm x305 mm, per 30.5 m (Wood, 2"x12", per 100 lf)	0610	\$0.26
Wood, 100mm x100mm, per 30.5 m (Wood, 4"x4", per 100 lf)	0615	\$0.17
Wood, 100 mm x150 mm, per 30.5 m (Wood, 4"x6", per 100 lf)	0620	\$0.25
Wood, 100 mm x205 mm, per 30.5 m (Wood, 4"x8", per 100 lf)	0625	\$0.35
Wood, 100 mm x305 mm, per 30.5 m (Wood, 4"x12", per 100 lf)	0630	\$0.53
Wood, 150 mm x305 mm, per 30.5 m (Wood, 6"x12", per 100 lf)	0635	\$0.88
Wood, 150 mm x455 mm, per 30.5 m (Wood, 6"x18", per 100 lf)	0640	\$1.43
Wood, 205 mm x405 mm, per 30.5 m (Wood, 8"x16", per 100 lf)	0645	\$1.75

Wood, 305 mm x455 mm, per 30.5 m (Wood, 8"x18", per 100 lf)	0650	\$1.97
Wood, 305 mm x305 mm, per 30.5 m (Wood, 12"x12", per 100 lf)	0655	\$1.70
Wood form, type 27 barrier, per 2.4 m (Wood form, type 27 barrier, per 8 lf)	0660	\$0.37
Wide flange beam, all depths, per 45 kg (Wide flange beam, all depths, per hundred wt.)	0670	\$0.05

TANK [TANK]

<u>Model</u>	<u>Code</u>	<u>Rate</u>
Tank, metal, 0-2270 liters (0-600 gallons)	0710	\$0.96
Tank, metal, 2270-4540 liters (600-1200 gal)	0720	\$1.31
Tank, metal, 4540-9840 liters (1200-2600 gal)	0730	\$3.25
Tank, metal, 22 710 liters (6000 gallons)	0740	\$6.53
Tank, metal, 28 390 liters (7500 gallons)	0750	\$8.19
Tank, metal, 30 280 liters (8000 gallons)	0760	\$8.67
Tank, metal, 37 850 liters (10000 gallons)	0770	\$9.62

TRAFFIC SAFETY [TRAF]

<u>Model</u>	<u>Code</u>	<u>Rate</u>
Crash cushion barrel, filled, each	0810	\$1.36
K-rail, temporary concrete barrier, per 6.1 m (20 lf)	0820	\$0.62

PAVEMENT GRINDERS, DIAMOND [PGDIA] BLADES

DELAY FACTOR = 0.09 OVERTIME FACTOR = 0.92

Includes water(but not water truck or trailer), coolant, cutting compounds and all attachments and accessories. Replacement blades are included in the rates listed below.

CONCUT [CCUT]

<u>Model</u>	<u>Code</u>	<u>Rate</u>
BC-38 (136 blades)	0500	\$212.73
BC-244 (187 blades)	0505	\$259.86
BC-1268 (48 blades)	0510	\$80.14

CUSHION CUT [CUCT]

<u>Model</u>	<u>Code</u>	<u>Rate</u>
HG-130A (127 blades)	0600	\$199.05
PC-390(171 blades)	0610	\$312.26

PENHALL [PENH]

<u>Model</u>	<u>Code</u>	<u>Rate</u>
G-38 (172 blades)	0800	\$401.50

TARGET [TARG]

<u>Model</u>	<u>Code</u>	<u>Rate</u>
CG-65 (41 blades)	0900	\$117.42
PRM-3804 (170 blades)	0905	\$443.44

PAVEMENT GRINDERS, TUNGSTEN- [PGT-C] CARBIDE BITS

DELAY FACTOR = 0.12

OVERTIME FACTOR = 0.90

Includes water(but not water truck or trailer), coolant, cutting compounds and all attachments and accessories. Replacement bits or tips are included in the rates listed below.

BARBER-GREENE

[B-G]

<u>Model</u>	<u>Code</u>	<u>Rate</u>
RX-20	0100	\$214.10
RX-30	0105	\$340.25
RX-40B	0110	\$399.06
RX-50	0115	\$468.15
RX-80B	0120	\$790.03

CATERPILLAR

[CAT]

<u>Model</u>	<u>Code</u>	<u>Rate</u>
PM-800	0200	\$607.33
PR-105	0201	\$101.86
PR-275	0205	\$281.62
PR-450	0210	\$419.05
PR-750	0215	\$625.18
PR-750B	0216	\$650.93
PR-1000	0220	\$854.82

C.M.I.

[CMI]

<u>Model</u>	<u>Code</u>	<u>Rate</u>
PR-275 RT	0150	\$269.56
PR-375	0155	\$346.82
PR-450	0160	\$398.46
PR-525	0165	\$438.28
PR-500FL	0170	\$473.59
PR-750	0175	\$607.95
PR-800-7	0177	\$661.88
PR-1000	0180	\$708.81

INGERSOLL-RAND

[I-R]

<u>Model</u>	<u>Code</u>	<u>Rate</u>
MW-175	0280	\$118.75
MW-250	0285	\$126.82
MW-250C	0286	\$152.19
MT-6520 (crawler)	0300	\$385.05
MW-6520	0305	\$274.71
MW-6520HC	0310	\$359.96
MT-7000	0315	\$489.65

WIRTGEN**[WIRT]**

<u>Model</u>	<u>Code</u>	<u>Rate</u>
300VC	0380	\$45.14
1000VC	0390	\$171.06
1900DC	0395	\$407.10
2000VC	0400	\$396.93
2100VC	0402	\$514.58
2200VC	0405	\$679.38
3500VC	0410	\$691.78
4200VC	0420	\$709.77

PUMPS, WATER HOSE**[PUMWA]****DELAY FACTOR = 0.36****OVERTIME FACTOR = 0.68**

Centrifugal and diaphragm types (including submersibles). Rate includes power (gas, diesel or electric generator), 7.6 meters(25 lineal feet) of suction hose, 15.2 meters (50 lineal feet) of discharge hose, foot valve and all fittings, attachments and accessories.

A PUMP**[APMP]**

Listed by Mfr's rated capacity measured in thousands of liters per minute (thousands of gallons per hour) at 3.0 meters (10 feet) of suction head.

<u>OVER</u>	<u>TO</u>	<u>Code</u>	<u>Rate</u>
0	0.6 (10)	000-010	\$4.59
0.6 (10)	1.3 (20)	010-020	\$7.15
1.3 (20)	1.9 (30)	020-030	\$8.32
1.9 (30)	3.2 (50)	030-050	\$30.76
3.2 (50)	7.9 (125)	050-125	\$36.17
7.9 (125)	15.8 (250)	125-250	\$42.56

INLET-SUCTION HOSE**[INHS]**

Additional 7.6 meter (25 foot) lengths of suction hose shall be paid based on the inside hose diameter in millimeters (inches).

<u>OVER</u>	<u>TO</u>	<u>Code</u>	<u>Rate</u>
0	60 (2.5)	0-2.5	\$0.09
60 (2.5)	80 (3)	2.5-3.5	\$0.16
80 (3)	100 (4)	3.5-4	\$0.23
100 (4)	150 (6)	4-6	\$0.37

OUTLET-DISCHARGE HOSE**[OUHS]**

Additional 15.2 meter (50 foot) lengths of discharge hose shall be paid based on the inside hose diameter in millimeters (inches).

<u>OVER</u>	<u>TO</u>	<u>Code</u>	<u>Rate</u>
0	60 (2.5)	0-2.5	\$0.07
60 (2.5)	90 (3.5)	2.5-3.5	\$0.13
90 (3.5)	100 (4)	3.5-4	\$0.19
100 (4)	150 (6)	4-6	\$0.25

ROLLERS, TANDEM STEEL WHEELS**[ROL-2]****DELAY FACTOR = 0.10****OVERTIME FACTOR = 0.91**

Includes all attachments and accessories.

BOMAG**[BMAG]**

<u>Model</u>	<u>Code</u>	<u>Rate</u>
BW-4AS	1150	\$31.25
BW-6AS	1155	\$32.96
BW-10AS	1160	\$56.70
BW-12AS	1165	\$57.52

DRESSER**[DRES]**

<u>Model</u>	<u>Code</u>	<u>Rate</u>
S3-5B	2500	\$41.25
S8-12A	2520	\$53.95
S10-14A	2525	\$54.77

FERGUSON**[FERG]**

<u>Model</u>	<u>Code</u>	<u>Rate</u>
3-5 ton	4048	\$25.71
3-5A	4048A	\$27.03
4-6A	4142A	\$27.19
5-8 ton	4236	\$61.18
5-8A	4240	\$45.94
8-12 ton	4424	\$47.76
8-12B	4424B	\$49.64
8-12A	4430	\$46.98
10-14 ton	4450	\$48.71
10-14A	4455	\$47.53
10-14B	4455B	\$50.24

GALION**[GALN]**

<u>Model</u>	<u>Code</u>	<u>Rate</u>
4-6 ton roll-o-static	4650	\$40.46
S4-6A, S4-6B	4670	\$43.20
5-8 ton roll-o-static	4800	\$47.04
S5-8A	4820	\$49.46
8-10.5 ton roll-o-static	4988	\$47.72
S8-10.5A	5000	\$50.20
8-12 ton roll-o-static	5176	\$48.04
S8-12A	5190	\$50.89

HYSTER**[HYST]**

<u>Model</u>	<u>Code</u>	<u>Rate</u>
C 330A 3-5 ton	6520	\$42.95
C 330B 3-5 ton (Hypac)	6520B	\$32.25
C 330A 4-6 ton	6525	\$44.38
C 330B 4-6 ton (Hypac)	6526	\$34.50
C 340A 5-8 ton	6530	\$53.09
C 340A 8-10 ton	6540	\$53.67
C 340B 5-8 ton	6545	\$46.20

C 340C 5-8 ton (Hypac)	6546	\$48.38
C 340B 8-10 ton	6548	\$46.96
C 340C 8-10 ton (Hypac)	6549	\$48.89
C 350B 8-12 ton	6710	\$54.61
C 350B 10-14 ton	6740	\$55.13
C 350C 8-12 ton	6750	\$48.31
C 350C 10-14 ton	6755	\$49.05
C 350D 8-12 ton	6757	\$49.85

INGRAM [INGM]

<u>Model</u>	<u>Code</u>	<u>Rate</u>
4-6 ton FB	6900	\$32.37
5-6.5 ton FB	6965	\$34.00
8-12 ton HB	7175	\$47.18
10-14 ton HB	7275	\$47.82

REXNORD [RXND]

<u>Model</u>	<u>Code</u>	<u>Rate</u>
3-5 ton	8566	\$31.51
4-6 ton	8572	\$32.11
5-8 ton	8578	\$72.26
7-10 ton	8584	\$72.46
8-12 ton	8590	\$72.83
10-14 ton	8596	\$73.18

ROLLERS, RUBBER TIRE, SELF PROPELLED [ROLRT]

DELAY FACTOR = 0.14 OVERTIME FACTOR = 0.87

Includes all attachments and accessories.

BUFFALO-BOMAG [B-B]

<u>Model</u>	<u>Code</u>	<u>Rate</u>
BW 20R	2624	\$53.24

CATERPILLAR [CAT]

<u>Model</u>	<u>Code</u>	<u>Rate</u>
PS 110	3460	\$51.50
PS 130	3465	\$50.88
PS 180	3470	\$53.22
PS 200B	3480	\$67.41

DYNAPAC [DYPC]

<u>Model</u>	<u>Code</u>	<u>Rate</u>
CP 15	3500	\$49.64
CP 21	3510	\$60.07
CP 27	3520	\$77.94

GALION [GALN]

<u>Model</u>	<u>Code</u>	<u>Rate</u>
3500	4310	\$53.43
P 3000	4315	\$47.97
P 3500A	4320	\$53.10

HYSTER [HYST]

<u>Model</u>	<u>Code</u>	<u>Rate</u>
C 530A	5401	\$51.07
C 550A	5494	\$57.77

ROLLER-TAMPING, SEGMENTED, SHEEPSFOOT, SELF PROPELLED [ROTAM]

DELAY FACTOR = 0.09 OVERTIME FACTOR = 0.92

Includes all attachments and accessories.

BUFFALO-BOMAG [B-B]

<u>Model</u>	<u>Code</u>	<u>Rate</u>
K 300	1630	\$105.45
K 301	1635	\$115.94
K 401	1638	\$134.73

CATERPILLAR [CAT]

<u>Model</u>	<u>Code</u>	<u>Rate</u>
815	2300	\$120.24
815B	2310	\$173.28
815F	2320	\$187.57
825B	2500	\$203.41
825C	2510	\$256.52
835	2700	\$260.55

RAYGO [RAGO]

<u>Model</u>	<u>Code</u>	<u>Rate</u>
30	6490	\$102.07
45	6500	\$153.37
RAM PAK 45	6505	\$163.67

REXNORD [RXND]

<u>Model</u>	<u>Code</u>	<u>Rate</u>
3-30	7120	\$122.35
3-35 PACTOR	7127	\$145.31
3-45 PACTOR	7130	\$186.83
3-50, 3-50A PACTOR	7140	\$212.43
3-55, 3-55B PACTOR	7150	\$248.48

**ROLLERS-TAMPING, SEGMENTED, [ROTAT]
SHEEPSFOOT, TOWED**

DELAY FACTOR = 0.44 OVERTIME FACTOR = 0.61

Includes all attachments and accessories. Listed by drum dimensions in millimeters (feet) in either direction. The first digit is the diameter and the second digit is the length of each drum.

SINGLE DRUM UNIT [ADRU]

<u>Model</u>	<u>Code</u>	<u>Rate</u>
1220 mm x1220 mm (4'X4') & under	4X4	\$2.49
over 1220 mm (4') - not over 1520 mm (5')	4X5	\$2.82
over 1520 mm (5')	5	\$5.12

DOUBLE DRUM UNIT [DDRU]

<u>Model</u>	<u>Code</u>	<u>Rate</u>
1220 mm x1220 mm (4'X4') & under, each	4X4	\$6.04
over 1220 mm (4') - not over 1520 mm (5'), each	4X5	\$18.27
over 1520 mm (5'), each	5	\$33.72

**ROLLERS, VIBRATORY, SELF [ROVIB]
PROPELLED**

DELAY FACTOR = 0.15 OVERTIME FACTOR = 0.86

Includes all attachments and accessories.

BUFFALO-BOMAG [B-B]

<u>Model</u>	<u>Code</u>	<u>Rate</u>
BW 210	2060	\$79.72
BW 210A	2070	\$81.79
BW 213	2080	\$80.86
BW 214	2090	\$82.68

BOMAG [BMAG]

<u>Model</u>	<u>Code</u>	<u>Rate</u>
BW 35	0700	\$7.79
BW 60, 60S	0800	\$12.32
BW 65, 65S	0900	\$8.46
BW 75, 75S	1000	\$13.78
BW 85T	1200	\$24.24
BW 90	1300	\$16.32
BW 100AD-3	1325C	\$42.26
BW 120AD	1350	\$43.17
BW 142PD	1359	\$48.41
BW 151AD	1365	\$69.39
BW 170AD, D	1380	\$61.79
BW 172AD, D	1385	\$61.74
BW 202AD	1400	\$95.03

BROS [BROS]

<u>Model</u>	<u>Code</u>	<u>Rate</u>
VM 255	2023	\$61.90
VM 268, VM 268H	2024	\$76.07
VM 278	2025	\$119.05

CASE [CASE]

<u>Model</u>	<u>Code</u>	<u>Rate</u>
50B	2228	\$9.09
W 251	2400	\$30.09
252, W 252	2405	\$39.82
752, W 752	2450	\$67.07
1102, W 1102	2500	\$90.00
1102D, W 1102D	2505	\$89.76
602D	2510	\$61.58
752B	2520	\$70.04

CATERPILLAR [CAT]

<u>Model</u>	<u>Code</u>	<u>Rate</u>
CB 54	7000	\$118.93
CS 56	7020	\$130.89
CB 64	7400	\$135.09
CB 214	8025	\$38.60
CB 214B	8026	\$39.89
CB 224	8030	\$39.75
CB 224B	8031	\$41.84
CB 224C	8031C	\$42.69
CB 224E	8031E	\$44.84
CB 314	8035	\$41.57
CP 323 padfoot drum	8040	\$65.83
CS 323 smooth drum	8042	\$64.04
CB 414	8045	\$62.79
CS 431	8050	\$58.83
CS 431B	8051	\$81.14
CP 433 padfoot drum	8055	\$65.60
CP 433B padfoot drum	8056	\$87.77
CP 433E	8056E	\$102.83
CS 433 smooth drum	8060	\$67.11
CS 433B smooth drum	8061	\$84.67
CB 434	8062	\$72.60
CB 434D	8062D	\$86.04
CB 514	8065	\$79.97
CB 534	8067	\$103.73
CB 534C	8067C	\$98.54
CB 534D OR XW	8067D	\$124.70
CS 551	8070	\$115.13
CP 553 padfoot drum	8075	\$120.18
CS 553 smooth drum	8080	\$116.46
CP 563 padfoot drum	8082	\$121.77
CS 563 smooth drum	8083	\$117.74
CS 563C	8083C	\$122.88
CB 614	8085	\$126.71
CB 634	8095	\$124.08
CB 634C	8095C	\$124.63

DYNAPAC**[DYPC]****HYSTER****[HYST]**

<u>Model</u>	<u>Code</u>	<u>Rate</u>	<u>Model</u>	<u>Code</u>	<u>Rate</u>
LR 90	2401	\$17.98	C 612B	3450	\$69.10
A 36V, A 36D	2405	\$42.86	C 610A	3500	\$54.02
CA 12	2409A	\$58.15	C 610B	3540	\$67.24
CA 12D	2409B	\$48.58	C 615B	3562	\$69.47
CA 12PD	2409E	\$49.09	C 617B	3563	\$69.98
CA 12PDB strikeoff blade	2409H	\$46.41	C 620B	3566	\$68.83
CA 15	2410	\$76.05	C 625B	3570	\$70.64
CA 15A	2420	\$65.74	C 627B	3572	\$71.33
CA 15D	2421	\$79.70	C 727A	3572E	\$101.94
CA 20D	2422	\$64.72	C 748A (Hypac/Hyster)	3572F	\$45.53
CA 15PD	2425	\$66.43	C 766A	3572G	\$88.80
CA 25	2430	\$97.25	C 766B (Hypac/Hyster)	3572H	\$107.11
CA 25S	2440	\$95.65	C 850A	3572J	\$108.95
CA 25A, CA 25D	2450	\$100.43	C 850B (Hypac/Hyster)	3572K	\$125.25
CA 25PD	2455	\$103.71	C 852A	3572N	\$114.77
CA 25T	2460	\$88.97	C 852B (Hypac/Hyster)	3572P	\$128.94
CA 30	2462	\$101.91	C 860A	3572S	\$113.39
CA 30D	2464	\$106.65	C 860B (Hypac/Hyster)	3572T	\$122.40
CA 51S, CA 51D	2466	\$127.05	INGERSOLL-RAND		
CA 55D	2468	\$130.07	[I-R]		
CA 151PDB	2469	\$91.63	<u>Model</u>	<u>Code</u>	<u>Rate</u>
CC 10, CC 10 series II	2470	\$39.04	DD 22	3565	\$51.03
CC 10A	2472	\$34.49	DD 23	3570	\$37.57
CC 102	2472C	\$41.30	DD 24	3572	\$49.56
CC 12	2472E	\$42.84	DA 30	3573	\$39.38
CC 14	2473	\$61.69	DD 35	3573C	\$40.94
CC 21	2474	\$62.29	DA 40	3573E	\$69.19
CC 21 II	2474B	\$65.59	DA 41	3573G	\$71.66
CC 211	2474C	\$74.83	DD 34HF	3573HF	\$59.91
CC 42 II Dynatronic	2475	\$101.46	DA 48	3573M	\$96.59
CC 42A	2476	\$100.34	DA 50	3574	\$96.59
CC 50	2482	\$112.20	DD 65	3574A	\$72.97
CC 50A	2488	\$124.86	DF 84	3574B	\$158.65
CC 50PD	2488E	\$194.24	DS 84	3574C	\$155.22
CC 50S	2489	\$185.64	DD 90	3574D	\$102.39
DD 18	2498	\$15.89	DD 110	3574F	\$113.82
300V	2499E	\$20.63	DD 130	3574H	\$152.13
2100V	2499H	\$19.40	DD 145	3574J	\$131.33

ESSICK**[ESIC]**

<u>Model</u>	<u>Code</u>	<u>Rate</u>	<u>Model</u>	<u>Code</u>	<u>Rate</u>
VR 30RE	2700	\$11.74	SP 48	3880	\$73.34
VR 42RE	2820	\$29.97	SP 48DD	3885	\$75.03
V 30WR, V 30W2-R	2902	\$13.06	SPF 48	3890	\$77.45
			SPF 48B	3892	\$78.73
			SP 54	4000	\$75.41
			SP 54DD	4005	\$77.52
			SPA 54	4010	\$76.35
			SPF 54	4020	\$82.80
			SP 56	4030	\$87.25

SP 56DD	4035	\$90.29	RAYGO	[RAGO]	
SP 56DH	4037	\$124.00	<u>Model</u>	<u>Code</u>	<u>Rate</u>
SPF 56	4040	\$92.41	1-36 REBEL	4805	\$18.27
SPF 56B	4050	\$95.48	2-36 ROMPER	4810	\$39.92
SPF 56DH	4080	\$125.57	2-66 RANGER	4820	\$98.61
SPF 56DHB	4090	\$129.67	2-84 RANGER	4830	\$138.04
SP 60	4100	\$159.36	220A RASCAL	4840	\$57.69
SP 84	4105	\$129.04	320A RASCAL	4876	\$69.06
SP 60DD	4110	\$181.48	320S RASCAL	4890	\$66.19
SPF 60	4120	\$186.41	400A RASCAL	5010	\$69.88
SPF 60B	4130	\$194.82	404B RUSTLER	5110	\$75.49
SPF 60C	4132	\$171.35	410A RASCAL	5150	\$73.65
SPF 84	4133	\$130.84	600A RASCAL	5220	\$94.18
SPF 84B	4134	\$135.54	4000 RASCAL	5235	\$103.67
SD 40D	4138	\$66.07	4200 RASCAL	5236	\$109.96
SD 40F w/ blade	4138FB	\$67.67	4404 RUSTLER	5236E	\$41.27
SD 70	4139	\$76.27	RAMMAX	[RAMX]	
SD 100	4140	\$94.71	<u>Model</u>	<u>Code</u>	<u>Rate</u>
SD 100D	4140D	\$115.53	P 33/24	4605	\$22.53
SD 100F	4140F	\$116.12	P 33/24 w/ remote	4606	\$21.78
SD 115D	4141D	\$145.34	P 51	4625	\$86.03
SD 150D	4143D	\$156.30	S 51	4630	\$46.39
KOEHRING-BOMAG	[KOBO]		P 47	5290	\$44.08
<u>Model</u>	<u>Code</u>	<u>Rate</u>	SAKAI	[SAKI]	
BW 120AC	4168E	\$42.40	<u>Model</u>	<u>Code</u>	<u>Rate</u>
BW 120AD	4169	\$43.14	SV 70	8025	\$69.59
BW 121AD	4193	\$38.84	SV 70D	8026	\$72.07
BW 130AD	4193E	\$45.04	SV 91	8050	\$105.21
BW 140AD	4194	\$69.58	SV 91D	8051	\$107.29
BW 141AC	4194B	\$66.60	SV 200D	8060	\$52.23
BW 141AD	4194E	\$61.96	TAMPO	[TAMP]	
BW 142D	4194H	\$46.47	<u>Model</u>	<u>Code</u>	<u>Rate</u>
BW 172	4212	\$58.70	RP 16D (HD)	5990	\$66.37
BW 172D	4212E	\$61.27	RP 28D	5995	\$88.90
BW 213D	4237	\$97.87	RP 48D	6110	\$118.32
BW 214D	4238	\$119.72	RP 58D	6115	\$106.61
BW 215D	4240	\$119.09	RS 16 (HD)	6170	\$63.33
BW 217D	4242	\$149.62	RS16A (HD)	6180	\$65.40
BW 220D	4250	\$113.12	RS 16D (HD)	6185	\$65.92
MIKASA	[MIKA]		RS 28C	6315	\$84.56
<u>Model</u>	<u>Code</u>	<u>Rate</u>	RS 28D	6320	\$85.85
MDR 7DW	4404	\$10.41	RS 58D	6327	\$105.07
MDR 9G	4405	\$14.67	RS 156A	6340	\$69.08
MDR T38S	4407	\$10.56	RS 166A	6350	\$91.40
MRV 10GA	4409	\$16.28	RS 188A	6370	\$117.59
			RS 210	6400	\$90.45

WACKER**[WACK]**

<u>Model</u>	<u>Code</u>	<u>Rate</u>
R 900	7850	\$26.68
R 1000	7855	\$42.44
W 55T	7860	\$12.83
W 74L, W 74T	7880	\$12.70
W 74	7890	\$12.34
W 75	7900	\$13.49
WDH 84	7910	\$17.82
WDH 86-110	7912	\$22.00
WHK 90, WHK 90L	7915	\$22.23

SHOVELS & CRANES CRAWLER [S&CCL]**DELAY FACTOR = 0.19****OVERTIME FACTOR = 0.84**

Includes all attachments and accessories when used as a crane, clamshell, dragline or for pile driving (not including leads or driving equipment).

LINK-BELT**[L-B]**

<u>Model</u>	<u>Code</u>	<u>Rate</u>
LS 78	4702	\$80.41
LS 78 pipeliner	4724	\$82.57
LS 98	4826	\$92.46
LS 98 pipeliner	4852	\$99.28
LS 98A	4924	\$93.61
LS 108B	4980	\$103.49
LS 108D	4981	\$131.89
LS 118	4998	\$150.95
LS 218H	5010	\$246.51
LS 318	5012	\$150.15
LS 338	5020	\$162.13
LS 518	5124	\$238.18

MANITOWOC**[MTWC]**

<u>Model</u>	<u>Code</u>	<u>Rate</u>
222EX (WEST)	5600	\$303.28
2900 WC	5764	\$135.27
3000 W	5812	\$176.70
3900B (100 ton)	6036	\$223.83
3900 W VICON series 2	6132	\$287.05
4000 W VICON	6180	\$262.45
4100 W VICON series 1	6196	\$385.92
4100 W VICON series 2	6198	\$395.88
4600 VICON series 1	6328	\$573.16
4600 VICON series 3	6332	\$669.93

P&H**[P&H]**

<u>Model</u>	<u>Code</u>	<u>Rate</u>
535	7716	\$136.47
550	7748	\$142.91
670 WLC	7892	\$164.94

SHOVELS & CRANES, TRUCK MOUNTED [S&CTK]**DELAY FACTOR = 0.21****OVERTIME FACTOR = 0.81**

Includes truck/carrier. Includes all attachments and accessories when used as a crane, clamshell, dragline or for pile driving (leads and driving equipment not included).

AMERICAN HOIST & DERRICK**[AMHD]**

<u>Model</u>	<u>Code</u>	<u>Rate</u>
5470	1015	\$131.17
5530	1080	\$223.62
7450	1130	\$134.91
7460	1140	\$185.71
7530	1170	\$208.97
8460	1178	\$262.34
8470	1179	\$407.28

LINK-BELT**[L-B]**

<u>Model</u>	<u>Code</u>	<u>Rate</u>
HC 48A	4332	\$80.64
HC 108B	4960	\$100.97
HC 108C	4970	\$137.05
HC 138	4992	\$104.07
HC 138A	4995	\$222.14
HC 218	5050	\$138.53
HC 218A	5051	\$221.84
HC 228H	5054	\$268.65
HC 238A, 238B	5065	\$222.18

P&H**[P&H]**

<u>Model</u>	<u>Code</u>	<u>Rate</u>
440 TC	7240	\$98.72
650A TC	7720	\$140.38
670 TC	7790	\$144.31
790 TC	7880	\$137.48
8115A TC	7950	\$188.68

SANBLASTING EQUIPMENT [SANBL]**DELAY FACTOR = 0.51****OVERTIME FACTOR = 0.53**

Includes helmets, gauntlets, 30.5 meters(100 feet) of hose, pot, all control valves, nozzles and other attachments and accessories. Rated in accordance with the capacity of the pot measured in kilograms(pounds)of sand.

REMOTE CONTROL ONLY**[REMC]**

<u>OVER</u>	<u>TO</u>	<u>Code</u>	<u>Rate</u>
45 (100)	159 (350)	010-035	\$2.10
159 (350)	272 (600)	035-060	\$2.77
272 (600)	454 (1000)	060-100	\$2.81
454 (1000)	680 (1500)	100-150	\$3.52
680 (1500)	907 (2000)	150-200	\$3.92

**SAWS, CHAIN AND EARTH AUGER [SAWCH]
ATTACHMENT**

DELAY FACTOR = 0.12 OVERTIME FACTOR = 0.89

Hand held type, one or two man, gas, air or electric powered including all attachments and accessories. Blades, chains and tips shall be paid separately. Saws which cost less than \$500 are considered minor tools and are no longer listed. Rated in accordance with Mfr's kilowatts (horsepower).

SAWS [SAW]

<u>Model</u>	<u>Code</u>	<u>Rate</u>
>3.7 (5) 30 amps @ 120V	5-HP	\$3.57

SAWS, CONCRETE AND MASONRY [SAWCO]

DELAY FACTOR = 0.15 OVERTIME FACTOR = 0.86

Self powered gas, air or electric powered. Includes water (but not water truck or trailer), coolant, cutting compounds and all attachments and accessories. Saw blades or abrasive discs shall be paid in accordance with the following sawkerf codes.

SINGLE & MULTI-BLADE [ABOP]

OPERATION

Listed in accordance with Mfr's rated kilowatts (horsepower).

<u>OVER</u>	<u>TO</u>	<u>Code</u>	<u>Rate</u>
0	7.5 (10)	0-10	\$4.19
7.5 (10)	14.9 (20)	10-20	\$9.46
14.9 (20)	24.6 (33)	20-33	\$18.78
24.6 (33)	33.6 (45)	33-45	\$21.69
33.6 (45)	48.5 (65)	45-65	\$26.12

BLADE SAWKERF [ABSK]

The following allowance is entered on the extra work bill by using the length x depth per blade.

<u>UNITS</u>	<u>Code</u>	<u>Rate</u>
Rate /blade/ 30.5 m (100 lin ft) / 25 mm (inch) depth	100'IN	\$18.00
Rate/blade/ 0.3 m (lin ft) / 25 mm (inch) depth	LF-INDE	\$0.18

SCRAPERS, SELF PROPELLED [SCRSP]

DELAY FACTOR = 0.12 OVERTIME FACTOR = 0.89

Includes all attachments and accessories.

CATERPILLAR [CAT]

<u>Model</u>	<u>Code</u>	<u>Rate</u>
613	1395	\$87.08
613B	1400	\$96.05
613C	1402	\$119.07
615	1415	\$164.97
615C	1416	\$179.54
621B cushion hitch	1680	\$210.89
623B	1700	\$216.51
623E	1702	\$254.39
623F	1703	\$264.91
627B push pull	1770	\$280.61

627E non push-pull	1772	\$297.01
627E push-pull	1773	\$301.93
631C 67M5012 serial	2170	\$244.09
631D	2180	\$296.60
631E	2185	\$321.43
633C non cushion hitch	2305	\$240.53
633C cushion hitch	2315	\$240.43
633C 66M693 serial	2320	\$249.67
633D	2330	\$306.89
637 cushion, non-push-pull	2375	\$362.91
637 non-cushion, push-pull	2410	\$365.21
637D non push-pull	2460	\$436.01
637D push-pull	2470	\$440.10
639D	2475	\$450.18
637E	2476	\$470.63
637E push-pull	2477	\$476.23
641B non cushion hitch	2620	\$307.29
641B cushion hitch	2655	\$352.65
651B non cushion hitch	2935	\$358.61
651B cushion hitch	2970	\$361.15
651E	2975	\$433.32
657B non cushion, non p-p	3360	\$575.60
657B cushion, push-pull	3370	\$582.31
657E non push-pull	3375	\$663.29
657E push-pull	3380	\$682.92
660B	3470	\$335.69
666B	3600	\$542.22

JOHN DEERE

[DEER]

<u>Model</u>	<u>Code</u>	<u>Rate</u>
JD 760A	3845	\$86.82
JD 762	3860	\$106.33
JD 762A	3865	\$110.68
JD 762B	3866	\$127.37
JD 860A	3920	\$126.79
JD 860B	3930	\$133.29
JD 862	3940	\$156.50
JD 862B	3942	\$187.49

INTERNATIONAL

[INTL]

<u>Model</u>	<u>Code</u>	<u>Rate</u>
412B	5631	\$106.66
431B	5637	\$207.83
433B	5643	\$306.42

TEREX**[TERX]**

<u>Model</u>	<u>Code</u>	<u>Rate</u>
S 11EB	8245	\$86.14
S 23E 33TOT-H-93SH, elev	8250	\$200.49
S 24 49LOT-76SH serial	8260	\$258.90
S 24B 023-024 serial	8270	\$310.38
S 24C	8275	\$334.02

WABCO**[WAB]**

<u>Model</u>	<u>Code</u>	<u>Rate</u>
101F	8570	\$100.13
101G	8575	\$99.51
111A	8640	\$94.38
222G	8700	\$184.53
222H	8704	\$207.27

TRACTORS, CRAWLER**[TRACC]****DELAY FACTOR = 0.13****OVERTIME FACTOR = 0.88**

Includes all attachments and accessories such as dozer blade and power control blocks when needed, but does not include backhoe, winch or ripper units listed elsewhere in this schedule.

CASE**[CASE]**

<u>Model</u>	<u>Code</u>	<u>Rate</u>
350	1820	\$40.05
350B	1825	\$42.22
450	1868	\$34.05
450B	1869	\$38.30
450C	1869E	\$43.53
475	1870	\$56.38
550	2000	\$45.64
650	2100	\$53.98
850	2128	\$46.26
850B	2130	\$49.83
850C	2135	\$54.15
850D	2140	\$57.21
1150B	2250	\$69.07
1150C	2255	\$74.92
1150D	2257	\$77.36
1150E	2258	\$80.08

CATERPILLAR**[CAT]**

<u>Model</u>	<u>Code</u>	<u>Rate</u>
D-3	2340	\$40.14
D-3B	2345	\$44.09
D-3 LGP	2350	\$40.80
D-3B LGP	2355	\$45.38
D-3B SA	2370	\$49.44
D-3C	2380	\$46.58
D4C Series III	2450	\$59.19
D-4D	2655	\$48.40

D-4E direct drive	2660	\$50.57
D-4E power shift	2665	\$51.91
D-4H	2670	\$65.52
D-4H LGP	2675	\$64.86
D-4H Series II	2680	\$66.81
D-4E SA	2772	\$61.78
D-4E LGP power shift	2780	\$52.11
D-4E LGP direct drive	2782	\$52.11
D-4G XL	2790XL	\$59.86
D-5	3194	\$69.28
D-5B power shift	3206	\$72.79
D-5B SA	3325	\$79.90
D-5B LGP	3345	\$75.55
D-5C	3346	\$64.45
D-5H	3347	\$86.39
D-5H Series II	3348	\$90.56
D-5H LGP	3350	\$89.52
D-6C direct drive	3645	\$90.24
D-6C power shift	3688	\$90.90
D-6C LGP	3710	\$93.48
D-6D	3720	\$102.20
D-6D SA	3725	\$115.53
D-6D LGP	3730	\$102.59
D-6H	3732	\$116.75
D-6H Series II	3733	\$121.59
D-6H LGP	3735	\$121.46
D-6M LGP	3745	\$111.54
D-6N XL	3755	\$114.71
D-6R DS	3800	\$127.35
D-6R XL	3815	\$133.93
D-7G	4180	\$152.79
D-7G LGP	4200	\$148.33
D-7G SA	4210	\$166.23
D-7H	4215	\$158.61
D-7H Series II	4216	\$168.49
D-7H LGP	4220	\$165.30
D-8K	4858	\$206.15
D-8L	4862	\$245.13
D-8L SA	4863	\$269.02
D-8N	4864	\$218.44
D-8R	4870	\$239.36
D-8T	4880	\$291.52
D-9H	5160	\$275.55
D-9L	5165	\$326.71
D-9N	5170	\$277.25
D-9R	5175	\$322.09
D-10	5220	\$500.33
D-10N	5225	\$399.51
D-10R	5227	\$444.75
D-11N	5230	\$618.36

JOHN DEERE	[DEER]		FD 40	6061E	\$330.85
Model	Code	Rate	KOMATSU	[KOMA]	
JD 350C	5360	\$44.34	Model	Code	Rate
JD 350D	5365	\$49.86	D 21P-6	7965	\$48.08
JD 400G	5405	\$41.24	D 31A-16	7970	\$41.92
JD 450C	5474	\$44.11	D 31A-17	7972	\$45.69
JD 450D	5476	\$45.74	D 31E-17	7976	\$47.73
JD 450E	5478	\$46.65	D 31E-18	7977	\$50.24
JD 450G	5479	\$49.96	D 31P-16	7980	\$42.32
JD 450J LT/LGP	5479J	\$60.22	D 31P-17	7981	\$46.45
JD 550	5480	\$49.65	D 31P-17B	7981E	\$48.80
JD 550A	5481	\$53.79	D 58E-1	8003	\$92.09
JD 550B	5483	\$52.49	D 58P-1	8003H	\$100.39
JD 550G	5484	\$58.08	D 65E-6	8070	\$106.81
JD 650G	5484A	\$65.06	D 65E-7, E-8	8072	\$118.25
JD 650H LGP	5484H	\$69.07	D 65P-6	8080	\$109.65
JD 750	5485	\$77.38	D 65P-7 / D 65P-8	8082	\$121.86
JD 750B	5486	\$84.83	D 68P-1	8083	\$134.17
JD 750 LGP	5487	\$80.43	D 68E-1	8085	\$128.77
JD 750B LGP	5488	\$102.49	D 83E-1	8087	\$155.62
JD 850	5490	\$101.31	D 83P-1	8088	\$157.06
JD 850B	5491	\$116.56	D 85P-18	8090	\$167.71
JD 850 LGP	5492	\$106.24	D 85A-18	8114	\$149.68
JD 850B LGP	5495	\$124.05	D 85E-12	8120	\$132.00
DRESSER	[DRES]		D 85E-18	8140	\$160.42
Model	Code	Rate	D 135A-1	8150	\$206.53
TD 7E	9100	\$45.16	D 155A-1	8160	\$237.71
TD 7G	9102	\$49.96	D 155A-2	8161	\$237.36
TD 8E	9105	\$54.94	D 375A-1	8175	\$377.53
TD 8G	9107	\$58.68	D 375A-2	8176	\$415.47
TD 12	9110	\$78.84	D 455A-1	8180	\$462.63
TD 12 LGP	9115	\$89.98	D 475A-2	8186	\$644.49
TD 15C	9120	\$109.55	TRACTORS, HEAVY [TRACH]		
TD 15E	9122	\$133.75			
TD 15C LGP	9125	\$106.51	DELAY FACTOR = 0.13 OVERTIME FACTOR = 0.88		
TD 20E	9130	\$149.17	Includes all attachments and accessories such as dozer blade, power control units and push blocks, when needed, but does not include backhoe, winch or ripper units listed elsewhere in this schedule.		
TD 20G	9135	\$178.02	CATERPILLAR [CAT]		
TD 20G LGP	9137	\$185.97	Model	Code	Rate
TD 25E	9139	\$213.67	814	1400	\$141.63
TD 25G	9140	\$258.78	814B	1410	\$202.31
FIAT-ALLIS	[F-A]		824B	1720	\$232.99
Model	Code	Rate	824C	1730	\$276.96
10C	6043	\$87.44	834B	2010	\$415.45
10C LGP	6044	\$88.36			
14C	6048	\$110.38			
FD 20	6056	\$158.98			
21C	6060	\$184.70			
FD 30	6060E	\$214.02			
31	6061	\$292.53			

**TRACTORS, RUBBER TIRE,
INDUSTRIAL, FARM & SKID STEER**

[TRACS]

DELAY FACTOR = 0.11

OVERTIME FACTOR = 0.90

37.3 kW (50 HP) OR LESS

[<50]

Including, but not limited to the following:

Bobcat-- 440B, 443B, 450, 453, 542B, 543B, 553, 742B, 743B,
753, 763, 773, 1840, 7753

Case-- 1818, 1825, 1835C, 1838

Deere-- 3375, 4475, 5200, 5575, 6675, 7775

Ford-- L250, L454, L455, L553, L555, L781

Gehl-- SL3310, SL3410, SL3725, SL3825, SL4525, SL4625

Hydra-Mac-- 1300, 1600, 1700D

JCB-- 165Robot, 165Robot Ser II

Massey-Ferguson-- MF30E

Mahto-- LS70, LS75, L933

Mustang-- 920, 920E, 921, 930A, 930AE, 940, 940E, 910, 911,
2040

New Holland-- 1220, 1320, 1620, 1920, 2120, 3415, 3930, L250,
L255, L465, LX465, LX485, L565, LX565, LX665

Ramrod-- 230B, 300B, 584B, 784B, 550, 750, 1350, 1550

Thomas-- T-82, T-83, T-83S, T-103, T-132, T-133, T-133S

Trak-- 1300HD, 1300C, 1300CX, 1500C

<u>Model</u>	<u>Code</u>	<u>Rate</u>
with loader or dozer	A	\$36.46
auger, w/ or w/o loader or dozer	B	\$37.03
backhoe, w/ or w/o loader or dozer	C	\$39.11

OVER 37.3 kW (50 HP)

[>50]

Including, but not limited to the following:

Bobcat-- 853, 863, 873, 943, 953, 980

Case-- 1845C

Deere-- 5300, 5400, 6200, 6300, 6400, 8875

Ford-- L783, L785, 250C, 260C

Gehl-- SL5625, SL6625, SL6635

Hydra-Mac-- 1850, 2650, 2650D

JCB-- 185Robot

Massey-Ferguson-- MF40E, MF50EX

Mustang-- 960, 2060

New Holland-- 4630, 5030, 5640, 6640, 7740, 7840, 8240, 8340,
L865, LX865, LX885, 345D, 545D

Ramrod-- 1750, 1950

Thomas-- T-173HL, T-173HLS, T173HLS II, T-203HD, T-
233HD

Trak-- 1700HD, 1700C, 1700CX, 1700XHP

<u>Model</u>	<u>Code</u>	<u>Rate</u>
with loader or dozer	A	\$48.51
auger, w/ or w/o loader or dozer	B	\$49.23
backhoe, w/ or w/o loader or dozer	C	\$51.39

**TRAFFIC CONTROL & SAFETY DEVICES [TRAF A]
(HOURLY RATES)**

DELAY FACTOR = 0.36

OVERTIME FACTOR = 0.68

CHANGEABLE MESSAGE SIGN

[CMSN]

<u>Model</u>	<u>Code</u>	<u>Rate</u>
Generator	GEN1	\$19.39
Generator w/ cell remote	GEN2	\$21.16
Solar	SOL1	\$13.70
Solar w/ cell remote	SOL2	\$15.48

FLASHING ARROW SIGN

[FLAS]

Including supplies, replacements and servicing.

<u>Model</u>	<u>Code</u>	<u>Rate</u>
Roof mounted	RM	\$1.21
Trailer mounted	TM	\$4.43

**TRAFFIC CONTROL & SAFETY DEVICES [TRAF C]
(DAILY RATES)**

DELAY FACTOR = 0.73

OVERTIME FACTOR = 1.00

Includes supplies and servicing. The following allowance is entered on the extra work by using days instead of hours worked. Crash cushion barrels and K-rail sections are now listed with Non-Operated items[NONOP].

(1) BARRICADES

[1BAR]

(A) 750 mm to 900 mm high & 600 mm to 900 mm wide (30 to 36 inches high & 24 to 36 inches wide)

(B) 1500 mm high by 1200 mm wide min. (60" high by 48" wide min.)

<u>Model</u>	<u>Code</u>	<u>Rate</u>
each with flasher	A1	\$0.56
each without flasher	A2	\$0.29
each	B3	\$1.29

(2) TRAFFIC CONES

[2TC]

Lost or destroyed are no longer paid on invoice.

<u>Model</u>	<u>Code</u>	<u>Rate</u>
450 mm (18") high, per 100	A100	\$10.27
700 mm (28") high, per 100	B100	\$17.82
700 mm (28") high w/ refl sleeve, per 100	D100	\$27.64
1,050 mm (42") high w/ refl sleeve, per 100	E100	\$45.98

(3) PORTABLE DELINEATOR

[3DEL]

Lost or destroyed are no longer paid on invoice.

<u>Model</u>	<u>Code</u>	<u>Rate</u>
per 100	100	\$29.22

(4) ILLUMINATED SIGNS

[4SIG]

<u>Model</u>	<u>Code</u>	<u>Rate</u>
incl 900 mm x900 mm (3'x3') sign & batteries	12V	\$7.18

(5) FLASHING BEACON

[5BEA]

<u>Model</u>	<u>Code</u>	<u>Rate</u>
portable 12 volt	12V	\$7.33

(6) FLAG/SIGN STAND

[6FSS]

<u>Model</u>	<u>Code</u>	<u>Rate</u>
incl sign, stand & 3 flags	EACH	\$3.31

(7) DELINEATOR DRUM

[7DDR]

<u>Model</u>	<u>Code</u>	<u>Rate</u>
Del. drum w/ base per 100	100	\$73.04

TRAILERS, EQUIPMENT, LOW BED [TRAIL]**DELAY FACTOR = 0.43****OVERTIME FACTOR = 0.63**

Includes all attachments and accessories related to hauling. The rates cover drop deck type with and without folding/removable gooseneck or oscillating trunion. Pilot vehicles are extra. Listed in accordance with number of axles and tires per axle. Includes jeeps, booster axles, and dollies. All loads shall be hauled legally or within Caltrans Permit Policy.

LOW BED A [LB-A]

2 axle

<u>Model</u>	<u>Code</u>	<u>Rate</u>
4 Tires per axle	100	\$20.12
8 Tires per axle	200	\$25.37

LOW BED B [LB-B]

3 axle

<u>Model</u>	<u>Code</u>	<u>Rate</u>
4 Tires per axle	300	\$27.04
8 Tires per axle	400	\$31.34

LOW BED C [LB-C]

4 axle

<u>Model</u>	<u>Code</u>	<u>Rate</u>
4 Tires per axle	500	\$43.32
8 Tires per axle	600	\$53.75

LOW BED D [LB-D]

6 axle

<u>Model</u>	<u>Code</u>	<u>Rate</u>
8 Tires per axle	700	\$86.12

TRAILERS, EQUIPMENT, TILT BED [TRAIT]**DELAY FACTOR = 0.43****OVERTIME FACTOR = 0.63**

Includes all attachments and accessories related to hauling. Pilot vehicles are extra. Listed in accordance with the Mfr's rated capacity in tonnes(tons).

TILT BED 1 AXLE [TB-1]

<u>OVER</u>	<u>TO</u>	<u>Code</u>	<u>Rate</u>
0	1.8 (2)	00-02	\$1.07
1.8 (2)	3.6 (4)	02-04	\$1.15

TILT BED 2 AXLES [TB-2]

<u>OVER</u>	<u>TO</u>	<u>Code</u>	<u>Rate</u>
3.6 (4)	5.4 (6)	04-06	\$1.90
7.3 (8)	9.1 (10)	08-10	\$5.89
9.1 (10)	10.9 (12)	10-12	\$6.78
10.9 (12)	12.7 (14)	12-14	\$7.63
12.7 (14)	14.5 (16)	14-16	\$8.48
14.5 (16)	16.3 (18)	16-18	\$8.20
16.3 (18)	18.1 (20)	18-20	\$7.91
18.1 (20)	20.0 (22)	20-22	\$9.07
20.0 (22)	22.7 (25)	22-25	\$8.81

TRENCHING MACHINES [TRENC]**DELAY FACTOR = 0.10****OVERTIME FACTOR = 0.91**

Includes all attachments and accessories. When used, tungsten carbide tips shall be replaced by separate invoice.

BOBCAT [BCAT]

<u>Model</u>	<u>Code</u>	<u>Rate</u>
T 116	2000	\$16.92
T 135	2010	\$38.84
T 136	2020	\$39.18
T 208	2030	\$8.70
3022	2040	\$39.65

CASE [CASE]

<u>Model</u>	<u>Code</u>	<u>Rate</u>
TL 70	9051	\$7.19
TL 100	9053	\$10.33
TL 120	9055	\$12.45
TL 200	9070	\$12.63
16+4	9120	\$18.00
25+4	9170	\$24.88
25 + 4 XP	9171	\$31.58
30+4 standard	9224	\$34.93
DH 4	9255	\$47.58
DH 4B	9256	\$52.16
DH 5	9257	\$44.59
DH 5 QUAD	9259	\$44.84
DH 7	9261	\$52.90
360	9263	\$37.14
ROAD RUNNER 380	9277	\$52.30
TF 300	9374	\$23.06
TF 700	9398	\$32.33
TF 800	9405	\$42.06
TF 1000	9460	\$47.55
760	9465	\$48.63

DITCH WITCH [D-W]

<u>Model</u>	<u>Code</u>	<u>Rate</u>
R 30	5390	\$32.54
R 36D	5400	\$40.66
R 40	5432	\$41.79
R 65	5556	\$43.17
R 100	5565	\$97.74
V 30	5618	\$31.33
1410	5620	\$12.79
1420	5625	\$13.49
1500	5630	\$9.52
1620	5635	\$17.68
1810	5640	\$18.06
2020	5645	\$22.20

2200	5650	\$21.19
2300	5660	\$32.18
2310	5662	\$33.96
3210	5670	\$36.25
3210 Combo	5675	\$37.15
3500	5676	\$42.65
4010	5677	\$55.57
4010 Combo	5678	\$41.73
5010	5679	\$42.45
6510	5680	\$49.94
6510 Combo	5685	\$53.18

MIDMARK

[MDMK]

<u>Model</u>	<u>Code</u>	<u>Rate</u>
300 A	7945	\$32.36
321	7950	\$33.69
400 A	7955	\$41.06
440	7960	\$51.10

VERMEER

[VERM]

<u>Model</u>	<u>Code</u>	<u>Rate</u>
CC-135	8350	\$106.36
M 220	8380	\$21.57
M 455 / M455A	8480	\$48.06
M 475	8570	\$50.38
M 475A	8571	\$57.94
M 485	8580	\$54.00
M 495	8585	\$89.91
T 300B, T 300A	8718	\$33.00
T 400C, T 400B, T 400A	8781	\$68.60
T 600D, C, B, A	8842	\$98.46
T 650	8843	\$163.83
T 800B, T 800A, T800	8870	\$156.91
T 800C	8871	\$171.69
T 850	8875	\$305.75
V 430	8950	\$37.41
V 430A	8951	\$41.83
V 434 / M 434	9000	\$36.11
V 440	9015	\$39.30
V 450	9017	\$45.38
V 454	9020	\$40.04
V 1550	9025	\$20.00

TRUCK, TRUCK TRAILERS, EXCL. [TRUCK] DUMP TRUCKS & EQPT TRAIL

DELAY FACTOR = 0.12

OVERTIME FACTOR = 0.89

Includes all attachments and accessories related to hauling, with and without trailers as needed. Includes water trucks, freight trucks and passenger vehicles, including 4wd option. Listed by Mfr's Gross Vehicle Weight in Kilograms(pounds). For tractor-trailer units, the gross vehicle weight of the cargo carrying unit or units will control. In the case of water trucks, the tank capacity expressed in kilograms (pounds) of water plus 20%, will determine the gross vehicle weight. For attachment allowance, see attachment class.

TRUCKS

[T&TT]

OVER	TO	Code	Rate
CARS , LIGHT TRUCKS			
3175 (7000)	5443 (12000) No small pickups	00-06	\$35.85
5443 (12000)	9072 (20000)	06-12	\$40.51
9072 (20000)	12701(28000)	12-20	\$52.44
12701 (28000)	16330 (36000)	20-28	\$55.45
16330 (36000)	21773 (48000)	28-36	\$62.25
21773 (48000)	27216 (60000)	36-48	\$83.18
27216(60000) & Over		48-60	\$91.76
		60	\$103.27

TRUCKS, OFF-HIGHWAY [TRUOF]

DELAY FACTOR = 0.22

OVERTIME FACTOR = 0.80

Includes all attachments and accessories. Includes end dump, belly dump and earthmover types. Listed in accordance with Mfr's rated capacity in tonnes (tons). In the case of earthmover types, rated by Mfr's volumetric capacity, a factor of 1.4 tonnes per cubic meter (1-1/2 tons per cubic yard) of struck capacity shall be used.

TRUCK OFF-HIGHWAY

[TRU]

OVER	TO	Code	Rate
9.1 (10)	13.6 (15)	10-15	\$65.12
16.3 (18)	20.0 (22)	18-22	\$116.35
20.0 (22)	24.5 (27)	22-27	\$145.35
24.5 (27)	29.0 (32)	27-32	\$166.15
29.0 (32)	36.3 (40)	32-40	\$225.79
36.3 (40)	49.9 (55)	40-55	\$335.14
49.9 (55)	60.8 (67)	55-67	\$376.34

TRUCKS, DUMP, ON-HIGHWAY

[TRUON]

DELAY FACTOR = 0.17**OVERTIME FACTOR = 0.84**

Includes all end dump, side dump and belly dump types; including all attachments and accessories.

TRUCK ON-HIGHWAY

[TRUN]

<u>Model</u>	<u>Code</u>	<u>Rate</u>
2 axles	2AXL	\$71.20
3 axles	3AXL	\$92.76
4 axles	4AXL	\$104.25
5 axles	5AXL	\$116.72

WELDING EQUIPMENT

[WELD]

DELAY FACTOR = 0.20**OVERTIME FACTOR = 0.82****ARC WELDING MACHINES**

[AWM]

Diesel, gas or electric powered. Includes helmets, holders, cable and all attachments and accessories. Rate capacity in amps.

<u>OVER</u>	<u>TO</u>	<u>Code</u>	<u>Rate</u>
0	250	0-250	\$7.54
250	500	250-500	\$14.55
over	500	500	\$15.14

GAS WELDING OUTFIT

[GWO]

Includes regulator, 7.6 meters (25 feet) of hose, torch, goggles, lighter and attachments and accessories. Gas and rod shall be paid separately.

<u>Model</u>	<u>Code</u>	<u>Rate</u>
ALL	ALL	\$0.37