

Excavation & Compaction Equipment

Selection Guide

If you're digging, moving, loading or compacting, the answers to the questions below will help us recommend the most efficient & productive equipment for you.

Excavation: What kind of work do you need to do? What is the size of the excavation? What is the depth, length, width & yardage? What kind of materials are you working with? Is it dirt, clay, sand, gravel, rocky soil, demolished asphalt, concrete, construction or demolition debris? Is there a size or weight restriction on any of the machinery that you will be using? What is the importance of compactness and maneuverability? Do you need a tracked or rubber tired machine? Do you need to load material into a truck?

Compaction: What are you compacting? Is it dirt, clay, sand, gravel, or asphalt? Is the soil wet or dry? Is it rocky? What size is the area to be compacted? Are you working in a trench, near a foundation or in an open area? What percent compaction (Proctor) is required? How many lifts (layers) of material need to be compacted?

Excavation

Post Hole Diggers

Ground Hog 2-Man Digger

4" to 12" Auger Sizes Available

12", 24", 36" Extensions

Note: All rates are Plus Fuel



Minimum	Day	Week	4-Week
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Backhoes

Caterpillar 416C Diesel
14' 4" Digging Depth

Extend-a-Hoe Model Available
18' 2" Digging Depth

Breaker Attachment
Buckets: 12", 18", 24", 36"



Minimum	Day	Week	4-Week
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Grading Tractors

Case 570 XLT
with Gannon Blade



Minimum	Day	Week	4-Week
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**Skid Steer Loaders
(Thomas & Bobcat Models Available)**

- 1/8 Yard Diesel - 36" Wide
- 1/3 Yard Diesel - 60" Wide
- 1/8 Yd, 1/3 Yd, Dirt Buckets
- 1/8 Yd, 1/3 Yd, Tooth Buckets
- 60" Sweeper Attachments
- Auger Attachments
- 6", 9", 12", 18", 24" Augers
- 24" Auger Extensions
- Hydraulic Breakers
- Demolition Hammer Points
- Backhoe Attachment for Bobcat & Thomas Models
- 12", 16", 24" Backhoe Buckets
- 1,200 lb. Capacity Forks
- Hydraulic Coupler Adapter



Minimum	Day	Week	4-Week
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Mini Excavators

2900 lbs. Mini Excavators
6' 3" Digging Depth

4600 lbs. Mini Excavators
7' 5" Digging Depth

12", 16", 18", Buckets



Minimum	Day	Week	4-Week
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Compact Loader Backhoe

Loader, Backhoe
8' 4" Digging Depth
12" & 16" Buckets
Gas or Diesel



Minimum	Day	Week	4-Week
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Excavation (Con't)

Trenchers

- Ditch Witch 11 HP Walk Behind
4" x 24" Trench
- Ditch Witch 18 HP Walk Behind
4" x 36" Trench
- Ditch Witch 35/40 HP Ride On
- Ditch Witch 45 HP Ride On
- Ditch Witch 50 HP Ride On



Note: All rates are based on 6" - 8" cut. Call for quotations on 10" - 12" cut. Setup charge for special cuts and conditions.

Minimum	Day	Week	4-Week

Line Locators

- Subsite Line Locator
- Subsite Induction Clamp



Minimum	Day	Week	4-Week

Compaction

Tampers

- Tamper 11" x 13" Shoe
- Tamper 4" x 13" Shoe
(2 & 4 Stroke Models Available)



Minimum	Day	Week	4-Week

Plates

- Compactor 13" x 21" - asphalt
- Compactor 21" x 19" with
water kit for asphalt
- Compactor 20" x 24" - dirt
- Compactor 20" x 30" - dirt
- Reversible 15.75" x 24" - dirt
- Reversible 20" x 28" - dirt
- Reversible 24" x 30" - dirt



Minimum	Day	Week	4-Week

Rollers

- Bomag BW35 Trench Roller
18.5" Overall width - cleated drum



Minimum	Day	Week	4-Week

- Bomag BW60S Compaction Roller
29.2" Overall width - Smooth Drum



Minimum	Day	Week	4-Week

- Bomag BW75S Compaction Roller
35" Overall width - Smooth Drum



Minimum	Day	Week	4-Week

- Bomag BW75AD
35" Articulating Compaction Roller -
Smooth Drum



Minimum	Day	Week	4-Week

- Radio Controlled Trench Roller
24" & 33" Drums



Minimum	Day	Week	4-Week

- Bomag BW90AD 39" Ride-On
Articulating Compaction Roller -
Smooth Drum



Minimum	Day	Week	4-Week

Compaction (Con't)

Rollers

Stone 3100 Wolf Pac
Ride-On Smooth Drum Roller
35.4" Drum



Stone 4100 Wolf Pac
40" Drum

Minimum	Day	Week	4-Week
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Stone Rhino Sheeps Foot
54" Ride-On Roller



Minimum	Day	Week	4-Week
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Generators & Lighting Equipment

Selection Guide

We can help you match the generator with the equipment being powered. Below are helpful charts and information needed for you to select the correct generator for your job.

Electrical Requirements: What devices are you powering from your generator? What are the electrical requirements, voltage, amperage, (Running versus startup - see chart below) & phase? How much cord or cable will be used?

Environmental Factors: The actual output of a generator is effected by altitude & temperature. Please call us to be sure you receive the right unit for your job.

Motor Starting Wattage

Motor H.P.	Universal Motors	Capacitor Motors	Split Phase Motors
1/2.....	500.....	1050.....	1700
1/3.....	600.....	1350.....	1950
1/2.....	750.....	1800.....	2600
3/4.....	1000.....	2600	
1.....	1250.....	3000	
1 1/2.....		4200	
2.....		5100	
3.....		6800	
5.....		9800	

Motor Running Wattage

<u>Equipment</u>	<u>Watts</u>	<u>Equipment</u>	<u>Watts</u>
Cement Mixers		Pipe Threaders	
1/4 hp.....	782	Small.....	1,500
1/3 hp.....	828	Large.....	1,725
1/2 hp.....	1,127		
Concrete Vibrators		Polishers, Car.....	793
1 hp.....	1,035	Polishers, Floor	
3 hp.....	2,012	15".....	1,168
		18".....	1,725
Compressors, Electric		Pumps, Electric	
1/2 hp.....	1,127	3/4".....	380
1 hp.....	1,725	1 1/2".....	575
1 1/2 hp.....	2,254	2".....	1,437
Drain Cleaners, Electric		Router, Portable.....	1,403
1/4".....	402	Saws	
3/8".....	517	Brick - 220V.....	2,530
1/2".....	805	Chain.....	1,495
3/4".....	1,150	Circular - 7 1/2".....	1,265
1".....	1,200	Chop.....	1,725
Floor Edger - 7", 2 hp.....	1,725	Cutoff.....	1,725
Floor Sander.....	2,070	Jig.....	425
Grinder, Right Angle.....	1,725	Miter.....	1,725
Hammer, Demolition-65lb....	1,403	Reciprocating.....	747
Hammer, Rotary - 2".....	1,196	Table, 2 hp, 220V.....	2,530
Heater, Gas Fired.....	805	Tub/Tile.....	1,495
Heater, Electric.....	1,587	Shears, Metal Cutting	368
Impact Wrenches		Sanders	
1/2".....	575	Belt.....	1,001
3/4".....	1,150	Disc.....	1,725
		Orbital.....	368
		Steam Cleaner.....	1,195
		Vacuum Cleaner.....	1,380
		Welder, Electric-220V ..	11,250

Generators

Portable
(DeWalt & PowerGard Models Available)

- 4 KW Gas Generator
- 5 KW Gas Generator
- 6 KW Gas Generator
- 8.5 KW Gas Generator
- 10 KW Gas Generator



Minimum	Day	Week	4-Week
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