

Power Tools & Powder Actuated

Selection Guide

We'll help you match the power tool to the job you have to do. If you are using an extension cord, it is important to have the correct size of cord. Inadequate extension cords can result in damage to the tool. See Charts below.

- Car Polishers/Disc Sanders
- Chipping Hammers
- Drills
- Drywall Screw Guns
- Extension Cords
- Grinders
- Impact Wrenches
- Nibblers
- Power Planes
- Power Shears
- Rotary Hammers
- Rod Drivers
- Sanders
- Saws

When an extension cord is used, it should always be a 3 wire cord to permit proper grounding of the tool. As the distance from the supply outlet increases, heavier gauge extensions are required. The use of extension cords of inadequate size wire causes a serious drop in voltage, loss of power and possible motor damage.

Amperage Rating (on nameplate)	0.0 to 2.0	2.1 to 3.4	3.5 to 5.0	5.1 to 7.0	7.1 to 12.0	12.1 to 16.0	16.1 to 20.0
Extension Cable Length	Wire Size						
25 ft.	18	18	18	18	16	14	12
50 ft.	18	18	18	16	14	12	10
75 ft.	18	18	16	14	12	10	8
100 ft.	18	16	14	12	10	8	8
150 ft.	16	14	12	12	8	8	6
200 ft.	16	14	12	10	8	6	4
300 ft.	14	12	10	8	6	4	4
400 ft.	12	10	8	6	4	4	2
500 ft.	12	10	8	6	4	2	2
600 ft.	10	8	6	4	2	2	1
800 ft.	10	8	6	4	2	1	0
1000 ft.	8	6	4	2	1	0	0

Note: Extension cord sizes chosen to assure a drop of not over five (5) volts at rated load of tool. Flexible extension cords not normally available under ten (10).

Wire Size AWG	Maximum Amps	Voltage drop @ Maximum Amps for Given Wire Lengths			
		25'	50'	75'	100'
4	70	0.87	1.74	2.60	3.48
6	40	1.25	2.51	3.67	5.03
12	25	1.98	3.97	5.95	7.95
16	13	2.65	5.32	7.84	10.45

Note: When selecting extension cord, voltage drop should not exceed five volts for the rated amps and length of cord required.

Electric Power Tools

Drills

- Dewalt 3/8" Drill
- Dewalt 1/2" Drill
- Dewalt 1/2" Cordless Drill
- Dewalt 1/2" Right Angle Drill
- Dewalt 3/4" Magnetic Drill Press
- Annular Cutter Adapter



Minimum Day Week 4-Week

Impacts

- 1/2" Impact Wrench
- 3/4" Impact Wrench



Minimum Day Week 4-Week

Heat Guns

- Heat Gun (650° to 900°)



Minimum Day Week 4-Week

Grinders/Polishers

- 4 1/2" Angle Grinder
- 7" / 9" Wildcat Angle Grinder
- Car Polisher



Minimum Day Week 4-Week

Shears

- 14 Gauge Shear
- 14 Gauge Nibbler
- 18 Gauge Nibbler



Minimum Day Week 4-Week

Electric Power Tools (Con't)

Woodworking

- 3" Belt Sander
- 4" Orbital Sander



Minimum	Day	Week	4-Week
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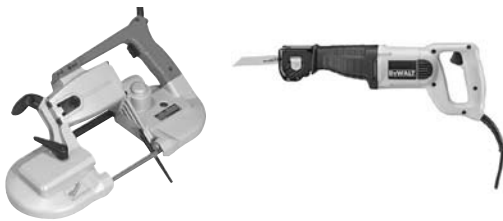
Saws

- 7 1/4" Circular Saw
- Jig Saw



Minimum	Day	Week	4-Week
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- Cut Saw
- Porta Band Saw



Minimum	Day	Week	4-Week
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- 12" Compound Mitre Saw
- 14" Chop Saw



Minimum	Day	Week	4-Week
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Screw Guns

- Screw Gun (TEKS & Drywall)



Minimum	Day	Week	4-Week
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Rotary Hammers

- 1" SDS Rotary Hammer
- 1 1/2" Spline Rotary Hammer
- Accessories Include:
 - 7/8", 1", 2" Chisels
 - Moil Point
 - 3/16" to 1" SDS Bits
 - 3/8" to 2" Spline Bits
 - Spline to SDS Adapter
 - 7", 16" Spline Core Bit Adapter
 - 1 1/4" to 5" Rotary Hammer Core Bits



Minimum	Day	Week	4-Week
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Demolition

- 20 lb. Demolition Hammer
- 60 lb. Demolition Hammer
- Accessories Include:
 - 1", 2", 3" Chisel
 - Moil Point
 - Asphalt Spade



Minimum	Day	Week	4-Week
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Extension Cords

Cords

- 12/3 x 50' Extension Cord
- 12/3 x 100' Extension Cord
- 10/3 x 50' Extension Cord
- 10/3 x 100' Extension Cord



Minimum	Day	Week	4-Week
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Cord Accessories & Power Distribution Box

- 30 amp Pigtail with Twist or Straight Lock
- Power Distribution Box
- 100' Distribution Cord
- 50' Distribution Cord



Minimum	Day	Week	4-Week
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Powder Actuated

Stud Guns

- .22 Caliber - Single Shot
- .27 Caliber - Strip Load



Minimum Day Week 4-Week

Pumps & Accessories

Selection Guide

Frank's Supply has pumps for any application...

- Diaphragm Pumps
- Hydrostatic Test Pumps
- Hose and Accessories
- Submersible Pumps
- Trash Pumps

The Job: Let us know what & how much material you're pumping. Pumps are available in gas, diesel or electric power. If an electric pump is used, how far will it be from the power source? What is the amperage and voltage of the power source?

Suction Lift: Vertical distance from the water to the pump should be as short as possible.

Total Head: Total vertical discharge capability of the pump. Capability decreases as head increases

Trash Pumps: Centrifugal. Designed to pump high volumes of clear water or water mixed with solids.

Mud Pumps: Diaphragm type. Pumps low volumes of high solid content & muddy or mucky water.

Submersible Pumps: Electric centrifugal clear water pumps that totally submerge for high efficiency & almost 100% removal of water from trenches, holes, footings, or other confined areas.

Priming: Some types of pumps are self-priming & can be left unattended. Others will suffer severe damage if allowed to run dry. Consult your Frank's Supply representative for details.

Pump Selection

Application	Diaphragm	Trash	Submersible
Clean Water	X	X	X
Slimy Water	X	X	X
Muddy Water	X	X	
Mucky Water	X	X	
Silt Water	X	X	
Abrasive Water	X	X	
High Solid Content	X	X	
Slow Seepage			
Ditch Water			X
Fast Seepage			
Ditch Water		X	X
Septic Tank	X	X	
Manholes		X	X

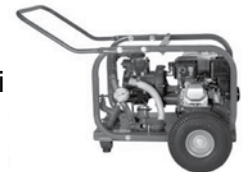
Pump Performance - G.P.M.

Total Head	Diaphragm Pump			Submersible Pump		
	3"	3"	6"	1 1/2"	2"	3"
10'	65	330	1200	50	83	300
20'	55	310	1195	45	75	280
30'	45	305	1180	40	60	270
40'	35	300	1175		20	260
50'	25	275	1160			245
60'	15	215	1150			180
70'	5	170	1120			160
80'		88	950			130
90'		25	700			85
100'			450			50

Note: G.P.M. discharge based on 10' suction lift.

Hydrostatic Pumps

Hydrostatic Test Pump - 500 psi



Minimum Day Week 4-Week

Submersible Pumps

2" Electric Submersible Pump



Minimum Day Week 4-Week