

Flexible Adapter Sheaves for Tugger® and Super Tugger®



- Use to attach to the conduit in conjunction with adapter sheave for easier setups.
- Helps eliminate strain on hangers and boxes.
- Select a sheave with a maximum rated capacity that meets or exceeds the cable puller's maximum pulling force.

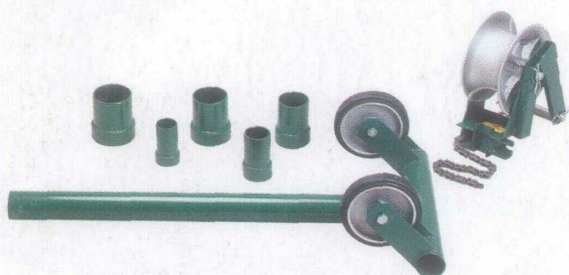
Cat. No.	UPC No.	Description
685	16780	Flexible Adapter Sheave for use with 640 Tugger® Cable Puller
6085	29912	Flexible Adapter Sheave for use with 6001 Super Tugger® Cable Puller

SPECIFICATIONS

Maximum Rated Capacity: 685 - 4,000 lbs. (17.7 kN); 6085 - 6,500 lbs. (28.9 kN)
Weight: 685 - 26 lbs. (11.8 kg); 6085 - 31 lbs. (14.1 kg)

Description	685 / 16780 Cat./UPC No.	6085 / 29912 Cat./UPC No.
Sheave Pin	15360	29803
Sheave Pin Clip	50302 (4)	50302 (2)
Sheave	15358	29616
Vise Chain Unit	30142	30142
Consists of the following (2) items:		
(1) Vise Chain	27831	27831
(2) Vise Chain Handle	29630	29630
Frame Pin	17313	-

Mobile Extension Boom Kits for Tugger® and Super Tugger®



- Use in conjunction with Adapter Sheave for concealed wall panels.
- Helps eliminate strain on hangers and boxes.
- Wheels on mobile boom makes it easier to move to the next pull.
- Extension bushing for 2"-4" conduit for mounting to the conduit inside the panel.
- Select a boom kit with a maximum rated capacity that meets or exceeds the cable puller's maximum pulling force.

Cat. No.	UPC No.	Description
682	16779	Extension Boom Kit for 640 Tugger® Cable Puller. Includes mobile T-boom, flexible adapter sheave and 2"-4" conduit extension bushings.
6082	29911	Extension Boom Kit for 6001 Super Tugger® Cable Puller. Includes mobile T-boom, flexible adapter sheave and 2"-4" conduit extension bushings.

SPECIFICATIONS

Maximum Pulling Capacity: 682 - 4,000 lbs. (17.7 kN);
6082 - 6,500 lbs. (28.9 kN)
Weight: 682 - 86 lbs. (39 kg); 6082 - 86 lbs. (39 kg)

Description	682 / 16779 Cat./UPC No.	6082 / 29911 Cat./UPC No.
Flexible Pipe Adapter	685/16780	6085/29912
Mobile T-Boom	6080/29964	6080 / 29964
2" Extension Bushing	16782	16782
2-1/2" Extension Bushing	16783	16783
3" Extension Bushing	16784	16784
3-1/2" Extension Bushing	16785	16785
4" Extension Bushing	16786	16786

Extension Bushings for 640 Tugger® and 6001 Super Tugger®



SPECIFICATIONS

Size: 2" - 4" IMC or Rigid
Weight: 16782 - 2 lbs. (.9 kg) 16785 - 5.7 lbs. (2.6 kg)
16783 - 2.7 lbs. (1.2 kg) 16786 - 6.1 lbs. (2.8 kg)
16784 - 4.3 lbs. (2 kg)

- Use to extend the end of the conduit by threading onto it. This will allow you to securely attach the Flexible Adapter.
- Helps eliminate strain on hangers and boxes.

Cat./UPC No.	Description
16782	Extension Bushing for 2" IMC or Rigid
16783	Extension Bushing for 2-1/2" IMC or Rigid
16784	Extension Bushing for 3" IMC or Rigid
16785	Extension Bushing for 3-1/2" IMC or Rigid
16786	Extension Bushing for 4" IMC or Rigid

Foot Switch for Cable Pullers



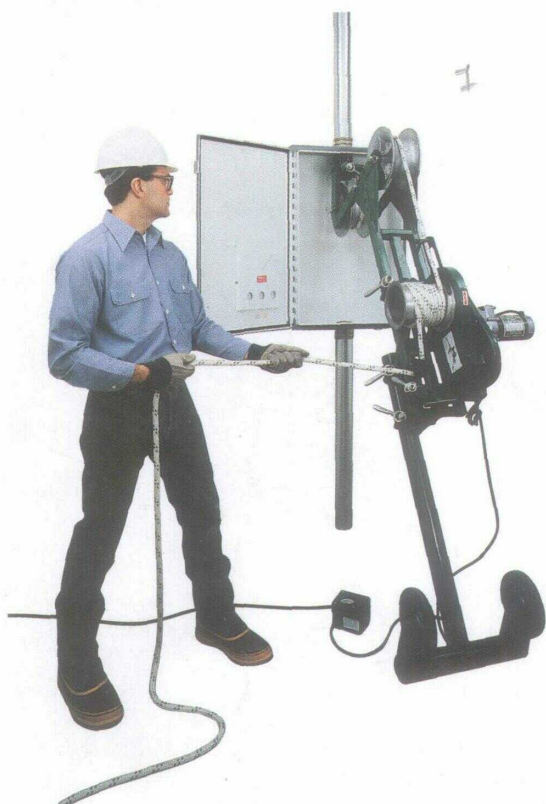
- Use with 640, 2001, 6001 or 6800 cable pullers to add foot control.
- Foot pressure required to operate.

Cat. No.	UPC No.	Description
445	24821	Foot Switch

SPECIFICATIONS

Power Source: 120 VAC **Weight:** 9.5 lbs. (4.3 kg)

Tugger™ Cable Puller: 4000 lb. rated



Optional Force Gauge

- An economical puller with enough power for most jobs.
- Lighter weight for easier mounting in tough applications.
- Leaf type mounting chains won't twist when tightening.
- Unique floor mounting attachment for quick reliable setup.
- Right angle sheave allows the operator to stand out of the direct line of force.
- Audio alarm high force warning and circuit breaker shut off at maximum force for equipment protection and added safety.
- Tapered capstan and patented rope guidance system for better control of rope.
- Patented.

Cat. No.	UPC No.	Description
640	35300	Tugger® Cable Puller Power Unit. Includes vise chains.
640-22	35763	Same as 640 except 220 VAC 50 HZ.
642	29844	Tugger® Puller Package. Includes 640 Tugger® cable puller power unit, pipe adapter sheave, floor mount, 9/16" x 300' (14.3 mm x 91 m) double-braided polyester rope, rope reel stand and steel storage box.
676	36242	Tugger® Puller Package without rope. Includes 640 Tugger® cable puller power unit, pipe adapter sheave, flexible pipe adapter, mobile extension boom, 2", 2-1/2", 3", 3-1/2", 4" extension bushings, floor mount and steel storage box with casters.
686	17163	Tugger® Puller Package. Complete. Includes 640 Tugger® cable puller power unit, pipe adapter sheave, flexible pipe adapter, 12" hook type cable sheave, mobile extension boom, 2", 2-1/2", 3", 3-1/2", 4" extension bushings, 9/16" x 300' (14.3 mm x 91 m) double-braided polyester rope, rope reel stand, floor mount, and steel storage box with casters.
686-22	23832	Same as 686 except 220 VAC 50 HZ.
37171	37171	Force Gauge for 120 VAC 640 cable puller.
35766	35766	Force Gauge for 220 VAC cable puller.
35283	35283	Double-Braided Composite Rope 9/16" x 300' (14.3 mm x 91 m)
35284	35284	Double-Braided Composite Rope 9/16" x 600' (14.3 mm x 182 m)
35285	35285	Double-Braided Composite Rope 9/16" x 1,200' (14.3 mm x 365 m)
445	24821	Foot Switch
35336	35336	640 Capstan Retrofit Kit includes rope ramp, pivotal arm and tapered capstan. For units with NZ serial prefixes.

SPECIFICATIONS

Dimensions:

Length - 21" (533 mm),
 Width - 21" (533 mm),
 Height - 12" (305 mm)

Pulling Force:

Maximum - 4,000 lbs. (17.9 kN)
 Continuous - 2,500 lbs. (11.1 kN)

Weight:

640, 640-22 - 82 lbs. (38 kg)
 676 - 373 lbs. (170 kg)
 642 - 330 lbs. (150 kg)
 686, 686-22 - 427 lbs. (194 kg)

Pulling Speed - Feet (Meters) Per Minute

No Load - 35 (10.67),
 At 2000 lbs. (8.8 kN) - 16 (4.87)
 At 4000 lbs. (17.9 kN) - 6 (1.83)

Power

1 HP (746 W) - 120 VAC,
 1 HP (746 W) - 220 VAC 50HZ

Rope - Average Breaking Strength or More:

9/16" (14.3 mm) Double-Braided Composite: Rated at 16,000 lbs. (71.1 kN)

Super Tugger® Cable Puller: 6500 lb. (28.9 kN) rated



- Pull up to 6,500 lbs. (28.9 kN) with less than 27 lbs. (120 N) of operator effort.
- Unique floor mounting attachment for quick, reliable setup.
- Leaf type mounting chains won't twist when tightening.
- Heat treated steel serrated gripper feet for secure mounting to conduit.
- Force Gauge included to constantly monitor the pull.
- Right angle sheave allows the operator to stand out of the direct line of force.
- Audio alarm high force warning and circuit breaker shut off at maximum force for added safety.
- Tapered capstan and patented rope guidance system for better control of the rope when feeding onto the capstan.
- Patented.

Cat. No.	UPC No.	Description
6001	29627	Super Tugger® Cable Puller Power Unit. Includes force gauge and vise chains.
6001-22	31466	Same as 6001 except 220 VAC 50 HZ.
6000	29909	Super Tugger® Complete Puller Package. Includes 6001 Super Tugger® cable puller power unit, pipe adapter sheave, flexible pipe adapter, 12" hook type cable sheave, mobile extension boom, 2", 2-1/2", 3", 3-1/2", 4" extension bushings, 3/4" x 300' (19.1 mm x 91 m) double-braided polyester rope, rope reel stand, floor mount, and steel storage box with casters.
6000-22	31467	Same as 6000 except 220 VAC 50 HZ.
6003	36241	Super Tugger® Complete Puller Package. Includes 6001 Super Tugger® cable puller power unit, pipe adapter sheave, flexible pipe adapter, mobile extension boom, 2", 2-1/2", 3", 3-1/2", 4" extension bushings, floor mount and steel storage box with casters.
6006	30435	Super Tugger® Complete Puller Package. Includes 6001 Super Tugger® cable puller power unit, pipe adapter sheave, flexible pipe adapter, 12" hook type cable sheave, mobile extension boom, 2", 2-1/2", 3", 3-1/2", 4" extension bushings, 3/4" x 600' (19.1 mm x 182 m) double-braided polyester rope, rope reel stand, floor mount, and steel storage box with casters.
6006-22	33344	Same as 6006 except 220 VAC 50 HZ.
35098	35098	Double-Braided Composite Rope 3/4" x 300' (19.1 mm x 91 m)
35100	35100	Double-Braided Composite Rope 3/4" x 600' (19.1 mm x 182 m)
35101	35101	Double-Braided Composite Rope 3/4" x 1,200' (19.1 mm x 365 m)
34136	34136	Double-Braided Composite Rope 7/8" x 300' (22.2 mm x 91 m)
34137	34137	Double-Braided Composite Rope 7/8" x 600' (22.2 mm x 182 m)
34138	34138	Double-Braided Composite Rope 7/8" x 1,200' (22.2 mm x 365 m)
445	24821	Foot Switch
35346	35346	6001 Capstan Retrofit Kit includes rope ramp, pivotal arm and tapered capstan. For units with VB and VT serial prefixes.

Key	Cat./UPC No.	Description	6001/29627	6000/29909	6003/36241	6006/30435	6001-22/31466
6001 CABLE PULLER PARTS							
	29631	Vise Chain Unit includes one each of the following five items below (Two complete Vise Chain sets are required)					
	35661	(1) Vise Chain	1				1
	29630	(2) Vise Chain Handle	1				1
	53965	(3) Vise Chain Retaining Screw	1				1
	35657	(4) Washer	1				1
	35660	(5) Chain Positioner	1				1
	37179	120 VAC Force Gauge	1				
	35638	220 VAC Force Gauge					1

CABLE PULLING COMPONENTS							
A	6001/29627	Cable Puller		1	1	1	
B	6049/29826	Pipe Adapter Sheave		1	1	1	
C	6085/29912	Flexible Pipe Adapter		1	1	1	
D	6080/29964	Mobile T-Boom		1	1	1	
D	16782	2" Extension Bushing		1	1	1	
D	16783	2-1/2" Extension Bushing		1	1	1	
D	16784	3" Extension Bushing		1	1	1	
D	16785	3-1/2" Extension Bushing		1	1	1	
D	16786	4" Extension Bushing		1	1	1	
E	3048/23362	Storage Box		1	1	1	
	695/30239	Casters		1	1	1	
F	6037/35605	Cable Puller Floor Mount		1	1	1	
G	35098	3/4" x 300' (19.1 mm x 91 m) Double-Braided Composite Rope		1			
G	35100	3/4" x 600' (19.1 mm x 182 m) Double-Braided Composite Rope				1	
H	644/15316	Rope Stand		1			
	654/34362	Rope Stand				1	
J	8012/00872	12" (304.8 mm) Hook Sheave		1		1	

SPECIFICATIONS

Pulling Force:

Maximum: 6,500 lbs. (28.9 kN)
 Continuous: 4,500 lbs. (20 kN)

Dimensions:

Length: 20-3/4" (527 mm)
 Width: 22-1/2" (572 mm)
 Height: 12" (305 mm)

Weight:

6001, 6001-22: 108 lbs. (49 kg)
 6003: 454 lbs. (206 kg)
 6000, 6000-22: 550 lbs. (250 kg)
 6006, 6006-22: 612 lbs. (278 kg)

Pulling Speed – Feet (Meters) Per Minute:

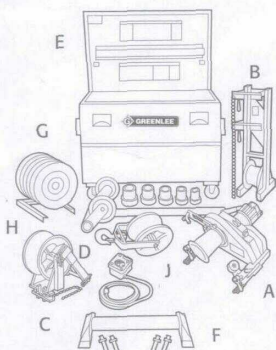
No Load: 16.5 (5)
 At 2000 lbs.: (8.8 kN) – 11 (3.4)
 At 4000 lbs.: (17.9 kN) – 7.5 (2.3)
 At 6000 lbs. (26.7 kN) – 6 (1.8)

Power:

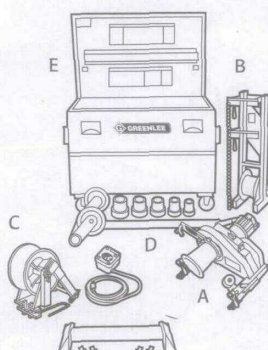
1-1/2 HP (1.1 kW): 120 VAC
 1-1/2 HP (1.1 kW): 220 VAC 50HZ

Rope – Average Breaking Strength or More:

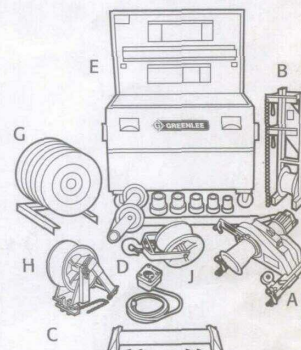
3/4" (19.1 mm) Double-Braided Composite –
 Rated at 26,000 lbs. (115.6 kN)



6000 Super Tugger® Cable Pulling System



6003 Super Tugger® Cable Pulling System



6006 Super Tugger® Cable Pulling System