

Trenchers

TRENCOR



T1060

T1360

T1460

T1660

T1760

T1360 Wheel Trencher
Surface Miner attachment

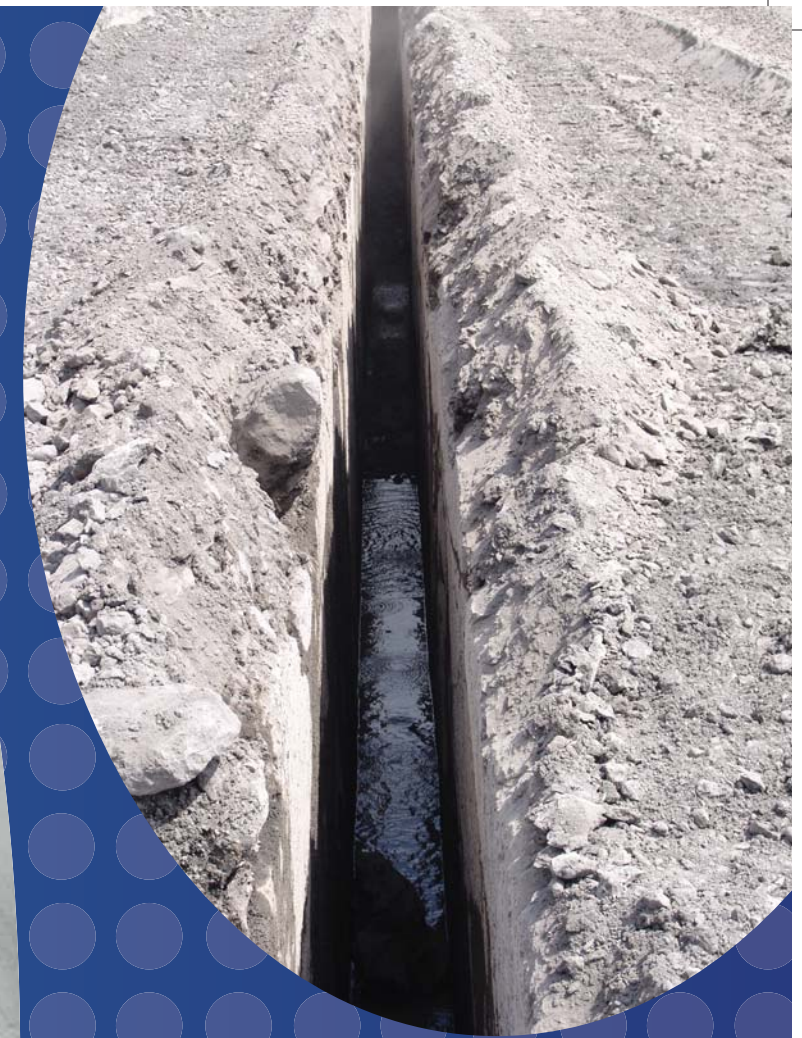


Mechanical Drive Chain Trenchers



	Maximum Chain Pull	Chain Speed Range	Maximum Depth Range <i>Range varies depending on width</i>	Digging Width
T1060	63,405 lbs. (28,760 kg)	159-748 fpm (48-228 m/min)	10 ft. (3 m) @ 36 in. (91 cm) 12 ft. (3.66 m) @ 24 in. (61 cm)	Single D6 Chain: 14 in. - 18 in. (41-46 cm) Double D6 Chain: 24 in. - 36 in. (61-91 cm)
T1360	62,952 lbs. (28,554 kg)	435-319 fpm (53-132 m/min)	12 ft. (3.66 m) @ 42 in. (107 cm) 16 ft. (5.89 m) @ 26 in. (66 cm)	Single D7 Chain: 14 in. - 20 in. (41-51 cm) Double D7 Chain: 26 in. - 42 in. (66-107 cm)
T1460	172,801 lbs. (78,381 kg)	110-295 fpm (34-90 m/min)	14 ft. (4.3 m) @ 54 in. (137 cm) 20 ft. (6.1 m) @ 36 in. (91 cm)	Double D8 Chain: 28 in. - 54 in. (71-137 cm)
T1660	132,060 lbs. (59,901 kg)	190-393 fpm (51-119 m/min)	16 ft. (4.9 m) @ 60 in. (152 cm) 24 ft. (7.32 m) @ 36 in. (91 cm)	Double D8 Chain: 28 in. - 60 in. (71-152 cm)
T1760	121,427 lbs. (55,078 kg)	227-527 fpm (69-160 m/min)	16 ft. (4.9 m) @ 72 in. (183 cm) 30 ft. (9.1 m) @ 36 in. (91 cm)	Double D8 Chain: 28 in. - 72 in. (71-183 cm)

**Trencor's Exclusive Mechanical Drive
ensures SIGNIFICANTLY LESS Tooth Wear!**



Maximum Breakout Force
Slow Chain Speed = More Torque!



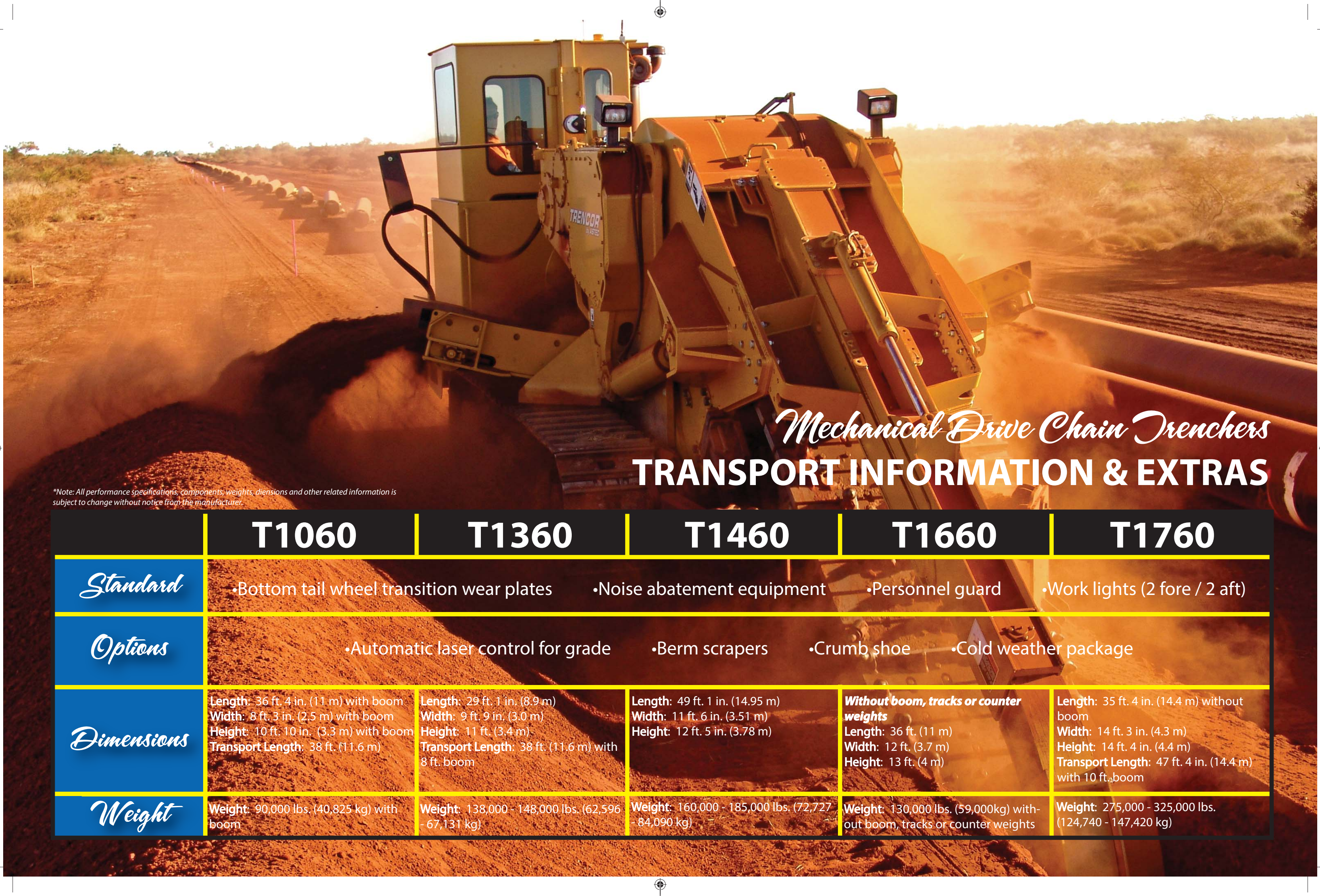
To ensure a
clean trench,
opt for a **Crumb Shoe**

Mechanical Drive Chain Trencher

PERFORMANCE SPECIFICATIONS

*Note: All performance specifications, components, weights, diensions and other related information is subject to change without notice from the manufacturer.

	T1060	T1360	T1460	T1660	T1760
Engine	<ul style="list-style-type: none">•CAT C9 Acert turbocharged diesel, Tier 3•350 HP (261 kW) @ 2200 RPM•1148 ft. lbs. (1556 Nm) @ 1400 RPM•Fuel Consumption: 18 US gal. (68 L) / hour at full HP•24 Volt DC electrical system•Cooling system: up to 125° F (52° C) ambient•Heavy duty 2-stage air cleaner	<ul style="list-style-type: none">•CAT C13 Acert turbocharged diesel, Tier 3•440 HP (328 kW) @ 2100 RPM•1483 ft. lbs. (2011 Nm) @ 1400 RPM•Fuel Consumption: 22.8 US gal. (86.3 L) / hour at full HP•24 Volt DC electrical system•Cooling system: up to 125° F (52° C) ambient•Heavy duty 2-stage air cleaner	<ul style="list-style-type: none">•CAT C18 Acert turbocharged diesel, Tier 3•630 HP (470 kW) @ 2100 RPM•2042 ft. lbs. (2768 Nm) @ 1400 RPM•Fuel Consumption: 32 US gal. (121 L) / hour at full HP•24 Volt DC electrical system•Cooling system: up to 125° F (52° C) ambient•Heavy duty 2-stage air cleaner•Muffler•Tachometer	<ul style="list-style-type: none">•CAT C27 Acert turbocharged diesel, Tier 2•801 HP (597 kW) @ 2100 RPM•2697 ft. lbs. (3657 Nm) @ 1400 RPM•Fuel Consumption: 39 US gal. (148 L) / hour at full HP•24 Volt DC electrical system•Cooling system: up to 125° F (52° C) ambient•Heavy duty 2-stage air cleaner•Muffler•Tachometer	<ul style="list-style-type: none">•CAT C27 Acert turbocharged diesel, Tier 2•950 HP (1274 kW) @ 2100 RPM•3122 ft. lbs. (4341 Nm) @ 1400 RPM•Fuel Consumption: 46 US gal. (174 L) / hour at full HP•24 Volt DC electrical system•Cooling system: up to 125° F (52° C) ambient•Heavy duty 2-stage air cleaner
Fuel Capacity	<ul style="list-style-type: none">•Dual tanks: 225 US gal. (852 L)•Operation: 12 hours at full HP	<ul style="list-style-type: none">•Dual tanks: 250 US gal. (946 L)•Operation: 11 hours at full HP	<ul style="list-style-type: none">•Dual tanks: 350 US gal. (1324 L)•Operation: 11 hours at full HP	<ul style="list-style-type: none">•Dual tanks: 506 US gal. (1915 L)•Operation: 13 hours at full HP	<ul style="list-style-type: none">•Dual tanks: 506 US gal. (1915 L)•Operation: 11 hours at full HP
Hydraulic System	<ul style="list-style-type: none">•Single bolt-on tank: 150 US gal. (568 L)	<ul style="list-style-type: none">•Single bolt-on tank: 200 US gal. (757 L)	<ul style="list-style-type: none">•Single bolt-on tank: 240 US gal. (908 L)	<ul style="list-style-type: none">•Single bolt-on tank: 330 US gal. (1250 L)	<ul style="list-style-type: none">•Single bolt-on tank: 506 US gal. (1915 L)
	•Crawler Drive: Closed loop piston pumps		•Conveyor Drive: Closed loop piston pumps		•Accessory: Open loop
Track Drive	<ul style="list-style-type: none">•Speed: 2 MPH (3.2 KPH)•Track control: Independent proportional electric over hydraulic•Load control: Microcontroller with bypass•Crawlers: D-5 sized components•Grouser: 24 in. (610 mm) wide, low-profile triple grousers	<ul style="list-style-type: none">•Speed: 2 MPH (3.2 KPH)•Track control: Independent proportional electric over hydraulic•Load control: Microcontroller with bypass•Crawlers: D-7 sized components•Grouser: 24 in. (610 mm) wide, low-profile double grousers	<ul style="list-style-type: none">•Speed: 2 MPH (3.2 KPH)•Track control: Independent proportional electric over hydraulic•Load control: Microcontroller with bypass•Crawlers: D-8 sized components•Grouser: 30 in. (762 mm) wide, single grousers	<ul style="list-style-type: none">•Speed: 1 MPH (1.6 KPH)•Track control: Independent proportional electric over hydraulic•Load control: Microcontroller with bypass•Crawlers: 10.25-pitch 375 sized components•Grouser: 36 in. (914 mm) wide, single grousers	<ul style="list-style-type: none">•Speed: 1 MPH (1.6 KPH)•Track control: Independent proportional electric over hydraulic•Load control: Microcontroller with bypass•Crawlers: 10.25-pitch 375 sized components•Grouser: 36 in. (914 mm) wide, single grousers
Operator Station	Fully enclosed, air conditioned, heated and pressurized cab •Elevation: 36 in. (915 mm)		Fully enclosed, air conditioned, heated and pressurized cab •Elevation: 42 in. (1067 mm)		
Digging Assembly	Heavy duty mechanical chain drive. Power shift trans. with (4) trenching speeds & reverse. Tailwheel: 42 in. (1067 mm) diameter forged ring	Heavy duty mechanical chain drive. Power shift trans. with (4) trenching speeds & reverse. Tailwheel: 48 in. (1219 mm) diameter forged ring			
Conveyor	Arc type conveyor with hydraulic shift •Belt width: 24 in. (610 mm) •Belt speed: 0 to 1000 FPM (305 mpm)	Arc type conveyor with hydraulic shift •Belt width: 30 in. (762 mm) •Belt speed: 0 to 800 FPM (244 mpm)	Arc type conveyor with hydraulic shift •Belt width: 36 in. (914 mm) •Belt speed: 0 to 800 FPM (244 mpm)	Arc type conveyor with hydraulic shift •Belt width: 42 in. (1067 mm) •Belt speed: 0 to 820 FPM (250 mpm)	Arc type conveyor with hydraulic shift •Belt width: 42 in. (1067 mm) •Belt speed: 0 to 1100 FPM (335 mpm)



Mechanical Drive Chain Trenchers
TRANSPORT INFORMATION & EXTRAS

*Note: All performance specifications, components, weights, diensions and other related information is subject to change without notice from the manufacturer.

	T1060	T1360	T1460	T1660	T1760
Standard	•Bottom tail wheel transition wear plates •Noise abatement equipment •Personnel guard •Work lights (2 fore / 2 aft)				
Options	•Automatic laser control for grade •Berm scrapers •Crumb shoe •Cold weather package				
Dimensions	Length: 36 ft. 4 in. (11 m) with boom Width: 8 ft. 3 in. (2.5 m) with boom Height: 10 ft. 10 in. (3.3 m) with boom Transport Length: 38 ft. (11.6 m)	Length: 29 ft. 1 in. (8.9 m) Width: 9 ft. 9 in. (3.0 m) Height: 11 ft. (3.4 m) Transport Length: 38 ft. (11.6 m) with 8 ft. boom	Length: 49 ft. 1 in. (14.95 m) Width: 11 ft. 6 in. (3.51 m) Height: 12 ft. 5 in. (3.78 m)	Without boom, tracks or counter weights Length: 36 ft. (11 m) Width: 12 ft. (3.7 m) Height: 13 ft. (4 m)	Length: 35 ft. 4 in. (14.4 m) without boom Width: 14 ft. 3 in. (4.3 m) Height: 14 ft. 4 in. (4.4 m) Transport Length: 47 ft. 4 in. (14.4 m) with 10 ft. boom
Weight	Weight: 90,000 lbs. (40,825 kg) with boom	Weight: 138,000 - 148,000 lbs. (62,596 - 67,131 kg)	Weight: 160,000 - 185,000 lbs. (72,727 - 84,090 kg)	Weight: 130,000 lbs. (59,000kg) without boom, tracks or counter weights	Weight: 275,000 - 325,000 lbs. (124,740 - 147,420 kg)

Rotary Surface Mining attachment

...transforms a heavy-duty Trencher chain trencher into a high performance excavator that cuts through rock in a consistent, single pass at a controlled grade

Greatly reduced noise & dust pollution
Eliminates the need for drilling & blasting with dangerous explosives
Productive alternative when in close proximity to populated area

Designed for cross country pipelines of large diameter pipe in addition to water & sewer projects

Max. Cutting Depth:
8.86 ft. (2.7 m)
Cutting Width:
32 in. - 66 in. (.81 m - 1.68)

T1360

Wheel Trencher

Mechanical Drive Bucket Wheel Trencher

The Boom!
A heavy drum studded with carbide teeth mounts in place of the trencher's traditional chain boom





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TRENCOR

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