



TRENCOR SURFACE MINERS

**UNMATCHED
PERFORMANCE.**

**UNRIVALED
RETURN.**

TRENCOR®

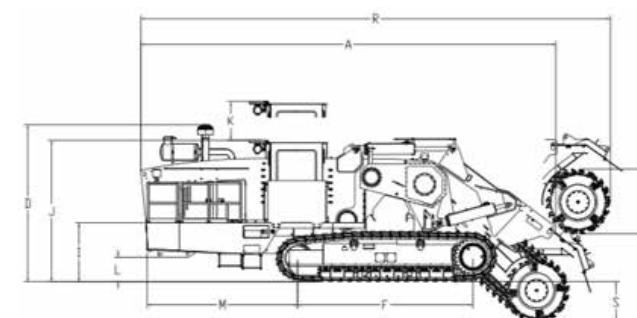
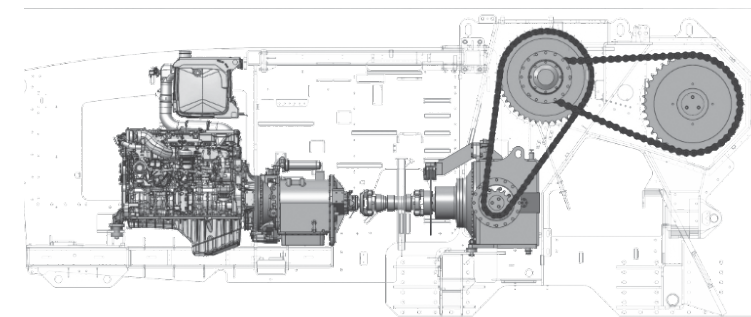


A HISTORY OF PROVEN PERFORMANCE.

With over 50 years of excavation experience across various disciplines all over the world, Trencor understands the grit and power it takes to be successful in this industry. From trenching, mining, quarrying and construction, Trencor has an established global presence.

DESIGNED TO DOMINATE. BUILT TO LAST.

Made with an innovative mechanical drive system, Trencor Surface Miners allow you to select between multiple drum speeds while still delivering high torque and full horsepower. Easy diagnostics, maintenance and repair will increase uptime and ensure you are getting unmatched performance across all digging conditions.



T14 SERIES

MOVE MORE ROCK. NO MATTER THE REQUIREMENTS.

With advanced load control software, PinPoint® telematics and drum speeds to match the most challenging formations and productivity requirements around, Trencor T14 Series Surface Miners will stand tall against any challenge.



T14SERIESSPECIFICATIONS

ENGINE	T14 TIER 4 FINAL	T14 TIER 3
Engine Make	CAT	CAT
Engine Model	C18 Tier 4F/Stage V	C18 Tier 3
Power HP (Kw)	755 HP [563] @ 1800	700 HP [522] @ 1800
Torque FT/LBS (Nm)	2582.2 [3501] @ 1300 RPM	2361 [3201] @ 1400 RPM
U.S. GAL/hr (L/hr) Full Power	38.3 [144.9]	37.4 [141.5]
Fuel Capacity U.S. Gal (L)	405 [1533]	405 [1533]
Hydraulic Capacity Gal (L)	255 [965]	255 [965]
Hours Per Full Tank - Full Power	10.5	10.58
Transmission	Allison 6620	Allison 6620
Variable Reversion Engine Cooling Fan	Hydraulic Drive	Hydraulic Drive

CHAIN SPEED - FT/MIN (M/MIN)	T14 TIER 4 FINAL	T14 TIER 3
First Gear	190 [58]	190 [58]
Second Gear	253 [77]	253 [77]
Third Gear	377 [115]	377 [115]
Fourth Gear	510 [155]	510 [155]
Reverse Gear	99 [30]	99 [30]

CHAIN FORCE - LB (KN)	T14 TIER 4 FINAL	T14 TIER 3
First Gear	124,670 [554]	115,588 [514]
Second Gear	93,503 [416]	86,691 [386]
Third Gear	62,753 [279]	58,182 [259]
Fourth Gear	46,449 [206]	43,066 [192]
Reverse Gear	239,214 [1,064]	221,788 [987]
Ground Speed Low - MPH (KM/H)	0.4 [0.6]	0.4 [0.6]
Drawbar Pull Low (Max) - LB (KN)	208,000 [925]	208,000 [925]
Ground Speed High (Max) - MPH (KM/H)	1.2 [1.9]	1.2 [1.9]
Drawbar Pull High - LB(KN)	75,000 [334]	75,000 [334]
Ground Bearing No Attach PSI (BAR)	16.28 [1.12]	16.28 [1.12]
Primary Boom Depth - FT (M)	3.5 [1.07]	3.5 [1.07]

WEIGHTS LB. (KG)	T14
Minimum Operating Weight	249,000 [112945]
Maximum Operating Weight	278,000 [126099]
Shipping Weight	103,400 [46901]
Undercarriage Weight Total	50,000 [22680]
Counterweight Total	5,000 [2268]

DIMENSIONS - IN (mm)	T14
Machine Length, No Attachments	401.4 [10196]
Machine Width, No Attachments	139.7 [3548]
Machine Overall Width	151 [3835]
Machine Overall Height	164.4 [4176]

T16 SERIES

TURN HARD ROCK
INTO EASY MONEY.

From roadways to stable vertical walls, Trenchor T16 Series Surface Miners eliminate the need for drilling and blasting. With increased horsepower and rock-crushing durability to meet the most challenging jobs, the T16 Series lets you stand up to anything.



T16SERIESSPECIFICATIONS

ENGINE	T16
Engine Make	CAT
Engine Model	C27 (T2 or T4F/Stage5)
Power HP (Kw)	950 (708) @ 1800 RPM
Torque FT/LBS (Nm)	3122 (4341) @ 1200 RPM
U.S. GAL/hr (L/hr) Full Power	47.1 (179.2)
Fuel Capacity U.S. GAL (L)	596 (2256)
Hydraulic Capacity U.S. GAL (L)	238 (900)
Hours Per Full Tank - Full Power	12
Transmission	Allison 8600
Variable Reversing Engine Cooling Fan	Hydraulic Drive

CHAIN SPEED - FT/MIN (M/MIN)	T16
First Gear	210 (61)
Second Gear	288 (88)
Third Gear	373 (114)
Fourth Gear	488 (149)
Reverse Gear	85 (26)

CHAIN FORCE - LB (KN)	T16
First Gear	141,664 (630)
Second Gear	103,303 (459)
Third Gear	79,784 (354)
Fourth Gear	61,104 (271)
Reverse Gear	607,838 (2703)
Ground Speed Low	0.4 (0.6) MPH (KM/H)
Drawbar Pull Low	233,000 (459) (Max) - LB (KN)
Ground Speed High	1.5 (2.4) (Max) - MPH (KM/H)
Drawbar Pull High	62,000 (275) LB (KN)
Ground Bearing No Attach	17.64 [1.21 PSI (BAR)]
Maximum Digging Depth	3.5 (1.07) FT (M)

WEIGHTS LB. (KG)	T16
Minimum Operating Weight	240,000 (108,862)
Maximum Operating Weight	320,000 (145,149)
Shipping Weight (Base tractor w/o tracks)	130,000 (59,000)
Undercarriage Weight Total	69,000 (31,297)
Counterweight Total	7,000 (3,175)

DIMENSIONS - IN (mm)	T16
Machine Length, No Attachments	435.4 (11060)
Machine Width, No Attachments	153.2 (3891)
Machine Operational Width	153.2 (3891)
Machine Overall Height	169.8 (4313)





TRENCOR®

TRENCOR.COM

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