

TR450

WHEEL TRENCHER

BRON
POWER TO PERFORM



Out-digging the competition for pipelines and utilities at an impressive trench speed with maximum manoeuvrability, the BRON TR450 Wheel Trencher powers through up to 8½ feet of earth leaving smooth-walled 40 - 50 inch wide trenches in its wake. Achieve maximum productivity with the TR450!

ENCLOSED OPERATOR STATION WITH HVAC & AIR RIDE SEAT

OSCILLATING & TILTING MAIN FRAME

HIGH EFFICIENCY COOLING PACKAGE

D5 UNDERCARRIAGE

PIPELINES, DRAINAGE,
UTILITIES, & EXCAVATION

8½ FT TRENCH
DEPTH

BI-DIRECTIONAL &
SHIFTING CONVEYOR

CUSTOMIZED TRENCHING

40 - 50 INCH WIDE TRENCHES

PLACE FILL WHERE NEEDED

FEATURES



ERGONOMIC DESIGN

Wheel controls are mounted on the high-back swivel chair, pivoting with the seat as you navigate & monitor trenching.



AIR COMPRESSOR

Standard compressed air lines make maintenance & clean up easier.



SELF-LEVELLING

Hydraulic main frame tilts the TR450 for perfect grading on slopes. The independently oscillating axles make ideal ground contact & a smooth ride on rough terrain.



CONVEYOR

Shift conveyor left or right slightly & change direction of output from one side of the wheel to the other to optimize spoil placement.



AXLE WIDTH

Choice of axle widths allows use of 36" track pads (144" shipping width) for maximum floatation, or a 132" shipping width with 30" pads for easier transportation.



TRI-CORE COOLING

Designed to efficiently handle all the system heat exchange requirements with one variable speed & reversing fan.

OPTIONS



POSITIVE AIR SHUT-OFF

The positive air shut-off shuts down the engine by preventing air intake.



MANUAL GREASE BANK

Safely & easily add grease to axles.



CHUTES

A variety of chutes are available to meet nearly any job requirement.



BLOCK HEATER

Make starting the engine in cold weather easier with the assistance of a block heater.



ICE PICKS

For added traction, ice picks are welded to existing single bar grousers.



TOW CABLE GROUP

A factory installed tow cable is available.

TRENCHER SPECIFICATIONS

Operating Weight - lbs (kg)	75,000 (34,000)
Overall Width - in. (mm)	132" (3353)
Overall Height (wheel dependent) - in. (mm)	131" (3327)
Overall Length (not including crumber / chute) - in. (mm)	473" (12014)
Operator Station	Enclosed with HVAC & air-ride seat
Steering	Joystick control
Trenching Depth - in. (mm)	24" - 102" (610 - 2591)
Trenching Width - in. (mm)	12" - 40" (305 - 1016)
Wheel Swing (pivot)	10°
Conveyor Length & Width - in. (mm)	132" & 40" (3353 & 1016)
Engine Make & Model	Cummins® QSX 15
Emissions Certified	Tier III
Electric Start	24V
Net Power - hp (KW)	450 (331)
Fuel Tank Capacity - U.S. Gal. (L)	190 (719)
Hydraulic Oil Capacity - U.S. Gal. (L)	60 (227)
Ground Contact Pressure - psi (kPa)	~6.2 (42.7)
Ground Clearance - in. (mm)	19" (483)
Powertrain	Hydrostatic
Undercarriage	D5
Suspension	Oscillating & tilting undercarriage
Travel Speed - mph (kph)	3.2 (5.1)



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