

# 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 crumbler / 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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