

TR48 & TR60 Trencher

Specifications & Capacities			
Model Numbers		TR48	TR60
Operating weight With 2 pitch cup chain and hydraulic side shift.		1282 lbs (581.5 kg)	1300 lbs (589.7 kg)
Overall length		90.5" (2.30 m)	102.5" (2.60 m)
Standard boom length		65.5" (1.66 m)	77.5" (1.97 m)
Digging depth at 60 degrees		4 ft (1.22 m)	5 ft (1.52 m)
Frame width w/step		61.13" (1.55 m)	
Overall width		64" (1.63 m)	
Overall height		34.1" (86.6 cm)	
Auger diameter		15.5" (39.4 cm)	
Auger clearance		28.5" - 30.5" (72.4 cm - 77.5 cm)	
Side shift options	Manual Hydraulic	Side shifts from center to 22" (55.9 cm) right of center Side shifts from center to 22" (55.9 cm) right of center	
Side shift travel		22" (55.9 cm)	
Trenching widths available		6", 8" & 10" (15.2 cm, 20.3 cm, 25.4 cm)	
Motor options		Low flow (LF) & high flow (HF) motors	
Hydraulic motor flow requirements	Low flow High flow	12-24 gpm (45.4-90.8 lpm) 24-40 gpm (90.8-151.4 lpm)	
Hydraulic motor pressure range	Low flow High flow	2400-4500 psi (16.55-31.03 MPa) 2000-3600 psi (13.79-24.82 MPa)	
Chain speed (Depending on skid steer flow & pressure ratings)	Low flow High flow	227-366 fpm (69-112 m/min) 221-373 fpm (67-114 m/min)	
Motor case drain		Standard	
Motor		Reversible	
Chain tightener		Grease Cylinder	
Crumber shoe		Floating	
Depth indicator (Patent-pending)		Standard (Viewable from operator seat)	
Roller guide bearings at boom head		Self-contained, ball bearings with triple-lip seals & metal shroud covers	
Drive bearings between motor & drive sprocket		Self-contained, single & double row ball bearings with extra heavy duty seals	
Spoil auger		Removable	
Hydraulic coupler options		Standard and large flat face, connect under pressure, couplers	
Chain options – numerous		Cup teeth on 2 or 4 pitch, scorpion w/cup teeth, or alligator w/cup teeth	
Step and step pads		Heavy-duty, cast steel	
Frame construction		Heavy duty 5/16" (8 mm) thick w/ 3/4" (19 mm) reinforced bar around three sides the bottom lock pin slots.	
Trencher chain		2.00" (5.1 cm) Pitch. 50,000 lb (22679.6 kg) tensile strength	
Trencher chain side links		Anti-flex	
Cup teeth		Hardened with hard facing	

