

TRENCHERS



JOHN DEERE

TC36 | TC48 | TR36B | TR48B | TR60B



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Specifications

- TC models are ideal for lower-duty cycles in agriculture or light-construction applications. Low-profile chain and sprocket drive feature a standard-flow hydraulic motor.
- TR models are designed for higher-duty cycles in commercial or heavy-construction applications. Heavy-duty planetary-drive design leverages greater hydraulic horsepower from high-flow hydraulics.
- Convenient, two-position manual side shift enables trenching close to structures.
- Built-in skid shoe and indicators help maintain digging control.
- Spring-loaded boom reduces shocks to the hydraulic motor, machine, and operator.
- Trencher design eases entrance and exit from the operator's station.
- Standard heavy-duty crumber removes loose soil, for increased productivity.
- Optional chain width and tooth configurations are available.
- Like all John Deere attachments, these trenchers are optimized to work with Deere skid steer loaders (SSLs) and compact track loaders (CTLs). They are also compatible with many competitive models. See your local Deere dealer for details.

	TC36	TC48	TR36B	TR48B	TR60B
Trencher					
Weight	510 kg (1,130 lb.)	540 kg (1,180 lb.)	510 kg (1,130 lb.)	540 kg (1,180 lb.)	610 kg (1,335 lb.)
Length	1855 mm (73 in.)	2185 mm (86 in.)	1855 mm (73 in.)	2185 mm (86 in.)	2390 mm (94 in.)
Width	1345 mm (53 in.)	1345 mm (53 in.)	1345 mm (53 in.)	1345 mm (53 in.)	1395 mm (55 in.)
Height	815 mm (32 in.)	815 mm (32 in.)	815 mm (32 in.)	815 mm (32 in.)	815 mm (32 in.)
Trench Depth at 65-deg. Angle	915 mm (36 in.)	1220 mm (48 in.)	915 mm (36 in.)	1220 mm (48 in.)	1525 mm (60 in.)
Side Shift, Right of Center	430 mm (17 in.)	430 mm (17 in.)	430 mm (17 in.)	430 mm (17 in.)	430 mm (17 in.)
Spoil-Discharge Reach	455 mm (18 in.)	455 mm (18 in.)	455 mm (18 in.)	455 mm (18 in.)	610 mm (24 in.)
Digging Chain-Drive Type	Chain and sprocket	Chain and sprocket	Integrated planetary	Integrated planetary	Integrated planetary
Hydraulics					
Standard-Flow Motor Options					
53–83 L/min. (14–22 gpm)	Standard	Standard	N/A	N/A	N/A
61–76 L/min. (16–20 gpm)	N/A	N/A	Optional	Optional	N/A
79–95 L/min. (21–25 gpm)	N/A	N/A	Optional	Optional	N/A
High-Flow Motor Options					
102–132 L/min. (27–35 gpm)	N/A	N/A	Optional	Optional	Optional
136–167 L/min. (36–44 gpm)	N/A	N/A	Optional	Optional	Optional
Maximum Operating Pressure	14 000 kPa (2,000 psi)	14 000 kPa (2,000 psi)	24 000 kPa (3,500 psi)	24 000 kPa (3,500 psi)	24 000 kPa (3,500 psi)
Digging Chain					
Type	Double standard anti-back flex	Double standard anti-back flex	Double standard anti-back flex	Double standard anti-back flex	Double standard anti-back flex
Rating	22 680 kg (50,000 lb.)	22 680 kg (50,000 lb.)	22 680 kg (50,000 lb.)	22 680 kg (50,000 lb.)	22 680 kg (50,000 lb.)
Pitch	50 mm (2 in.)	50 mm (2 in.)	50 mm (2 in.)	50 mm (2 in.)	50 mm (2 in.)
Widths					
Standard Cup Teeth	150 mm (6 in.) / 205 mm (8 in.) / 255 mm (10 in.) / 305 mm (12 in.)	150 mm (6 in.) / 205 mm (8 in.)	150 mm (6 in.) / 205 mm (8 in.) / 255 mm (10 in.) / 305 mm (12 in.)	150 mm (6 in.) / 205 mm (8 in.)	150 mm (6 in.)
70/30 Combo Shark Teeth	150 mm (6 in.)	150 mm (6 in.)	150 mm (6 in.)	150 mm (6 in.)	150 mm (6 in.)
Vehicle Compatibility (no electrical connection)					
Hydraulic Connection					
Standard Flow	12.7-mm (0.5 in.) quick-connect couplers	12.7-mm (0.5 in.) quick-connect couplers	12.7-mm (0.5 in.) quick-connect couplers	12.7-mm (0.5 in.) quick-connect couplers	N/A
High Flow	N/A	N/A	12.7-mm (0.5 in.) quick-connect couplers with 9.525-mm (0.375 in.) case-drain coupler	12.7-mm (0.5 in.) quick-connect couplers with 9.525-mm (0.375 in.) case-drain coupler	12.7-mm (0.5 in.) quick-connect couplers with 9.525-mm (0.375 in.) case-drain coupler
Model Compatibility*	312GR, 314G, 316GR, 318G, 320G, and 324G SSLs; 317G and 325G CTLs	312GR, 314G, 316GR, 318G, 320G, and 324G SSLs; 317G and 325G CTLs	312GR, 314G, 316GR, 318G, 320G, 324G, 330G, and 332G SSLs; 317G, 325G, 331G, and 333G CTLs	312GR, 314G, 316GR, 318G, 320G, 324G, 330G, and 332G SSLs; 317G, 325G, 331G, and 333G CTLs	320G, 324G, 330G, and 332G SSLs; 325G, 331G, and 333G CTLs

*For optimal performance, verify trencher-motor specifications match prime-mover hydraulic-flow capabilities.

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