

TR

TURNING ROLLER

The Best Solution for big tank Welding.



TR / TR-B SERIES



Features

- ✓ Capacities range from 1,000 to 6,000 kilograms
- ✓ For pipes or vessels rotation
- ✓ Metallic rollers bounded with polyurethane
- ✓ Quick, accurate roll centering adjustment
- ✓ Standard hand pendant with Forward-Stop-Reverse, speed potentiometer
- ✓ TR-0103, TR-0104 & TR-1000B solid-state controls with dynamic braking
- ✓ TR-3504, TR-3500B & TR-6000B AC inverter drive
- ✓ High frequency protected
- ✓ Fast/Slow footswitch - optional

TR-KB SERIES



Features

- ✓ Capacities range from 15,000 to 60,000 kilograms
- ✓ Superior worm gears reducer designed to provide high torque and low backlash
- ✓ Synchronized AC inverter drive control for two motors
- ✓ Metallic rollers bounded with natural rubber
- ✓ TR-KB series designed with symmetrical roller for quick and accurate centering adjustment
- ✓ Adjustment bolt for different work diameter
- ✓ Standard hand pendant with Forward-Stop-Reverse, speed potentiometer
- ✓ High frequency protected control box
- ✓ Fast/Slow footswitch - optional



YOUR WELDING SOLUTION PROVIDER.

Specification

Model* 1	Unit	TR-0103	TR-0104	TR-3504	TR-1000B	TR-3500B
Power input	-	AC 110~240V 50/60Hz 1 Phase	AC 220~240V 50/60Hz 1 Phase	AC 220~240V 50/60Hz 1 Phase	AC 110 / 240V 50/60Hz 1 Phase	AC 220V~240V, 50/60Hz, 1 Phase
Drive motor	hp	1/12		1/2	1/12	1/2
Overall length (A) (Drive / Idler)	mm	470 / 450		780 / 700	1,330 / 1,260	1,520 / 1,260
Overall width (B) (Drive / Idler)	mm	320 / 160		425 / 280	300 / 300	500 / 400
Overall height (C) (Drive & Idler)	mm	334		520	391	391
Diameter range (D)	mm	Ø20~800		Ø9~1,400	Ø50~3,000	Ø50~3,000
Roller diameter (E)	mm	Ø200		Ø200	Ø200	Ø200
Roller width (F)	mm	50		100	50	100
(Drive + Idler)* 2 Load capacity	kg	1,000		3,500	1,000	3,500
Speed range	mm/min	80~1,600		60~1,200	60~1,200	60~1,200
Roller type					PU	
(Drive / Idler) Net weight	kg	54 (37 / 17)		165 (110 / 55)	97 (57 / 40)	171 (102 / 69)





YOUR WELDING SOLUTION PROVIDER.

Specification

Model*1	Unit	TR-6000B	TR-15KB	TR-30KB	TR-45KB	TR-60KB
Power input	-	AC 220V~240V, 50/60Hz, 1 Phase		AC 220V / 380V, 50/60Hz, 3 Phase		
Drive motor	hp	1/12	1/2 + 1/2	1 + 1	2 + 2	2 + 2
Overall length (A) (Drive / Idler)	mm	1,670 / 1,260	3,000 / 2,480	3,120 / 2,480	3,120 / 2,480	3,120 / 2,480
Overall width (B) (Drive / Idler)	mm	500 / 400	800 / 800	900 / 860	950 / 910	1,000 / 960
Overall height (C) (Drive & Idler)	mm	391	648	648	648	648
Diameter range (D)	mm	Ø50~3,000	Ø300~5,500	Ø300~5,500	Ø300~5,500	Ø300~5,500
Roller diameter (E)	mm	Ø200	Ø405	Ø405	Ø405	Ø405
Roller width (F)	mm	150	125	180	230	280
(Drive + Idler)* 2 Load capacity	kg	6,000	15K	30K	45K	60K
Speed range	mm/min	60~1,200	100~1,500	100~1,500	100~1,500	100~1,500
Roller type			Rubber		Rubber metal	
(Drive / Idler) Net weight	kg	242 (150 / 92)	1,207 (674 / 533)	1,390 (810 / 580)	1,620 (930 / 690)	1,850 (1,050 / 800)

- 1 "B" means advisable bolt type
- 2 (Drive / Idler) means 1+1. More idlers are available
- Special capacity please contact us
- Specifications subject to change without notice



DIMENSIONS

