

# 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.

## Specification

Model <sup>*1</sup>	Unit	TR-0103	TR-0104	TR-3504	TR-1000B	TR-3500B	TR-6000B	TR-15KB	TR-30KB	PT-45KB	PT-60KB
Power input	~	AC 110~240V 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		AC 220V / 380V, 50/60Hz, 3 Phase			
Drive motor	hp	1/12		1/2	1/12	1/2	1/2 + 1/2	1 + 1	2 + 2	2 + 2	
Overall length (A) (Drive / Idler)	mm	470 / 450		780 / 700	1,330 / 1,260	1,520 / 1,260	1,670 / 1,260	3,000 / 2,480	3,120 / 2,480	3,240 / 2,480	3,360 / 2,480
Overall width (B) (Drive / Idler)	mm	320 / 160		425 / 280	300 / 300	500 / 400	500 / 400	800 / 800	900 / 860	950 / 910	1,000 / 960
Overall height (C) (Drive & Idler)	mm	334		520	391	391	391	648	648	648	648
Diameter range (D)	mm	Ø20~800		Ø9~1,400	Ø50~3,000	Ø50~3,000	Ø50~3,000	Ø300~5,500	Ø300~5,500	Ø300~5,500	Ø300~5,500
Roller diameter (E)	mm	Ø200		Ø200	Ø200	Ø200	Ø200	Ø405	Ø405	Ø405	Ø405
Roller width (F)	mm	50		100	50	100	150	125	180	230	280
Load capacity (Drive + Idler) <sup>*2</sup>	kg	1,000		3,500	1,000	3,500	6,000	15K	30K	45K	60K
Speed range	mm/min	80~1,600		60~1,200	60~1,200	60~1,200	60~1,200	100~1,500	100~1,500	100~1,500	100~1,350
Roller type		PU					Rubber		Rubber metal		
Net weight (Drive / Idler)	kg	54 (37 / 17)		165 (110 / 55)	97 (57 / 40)	171 (102 / 69)	242 (150 / 92)	1,207 (674 / 533)	1,390 (810 / 580)	1,620 (930 / 690)	1,850 (1,050 / 800)

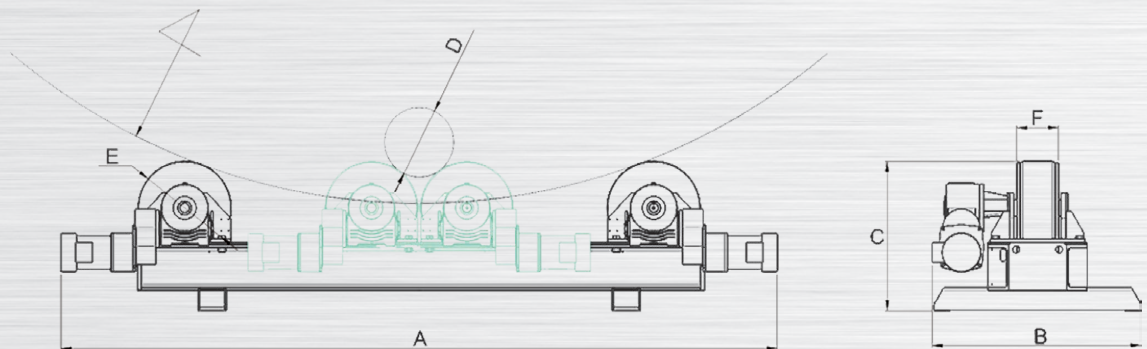
※ 1 "B" means advisable bolt type

※ 2 (Drive / Idler) means 1+1. More idlers are available

※ Special capacity please contact us

※ Specifications subject to change without notice

## Dimensions



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