

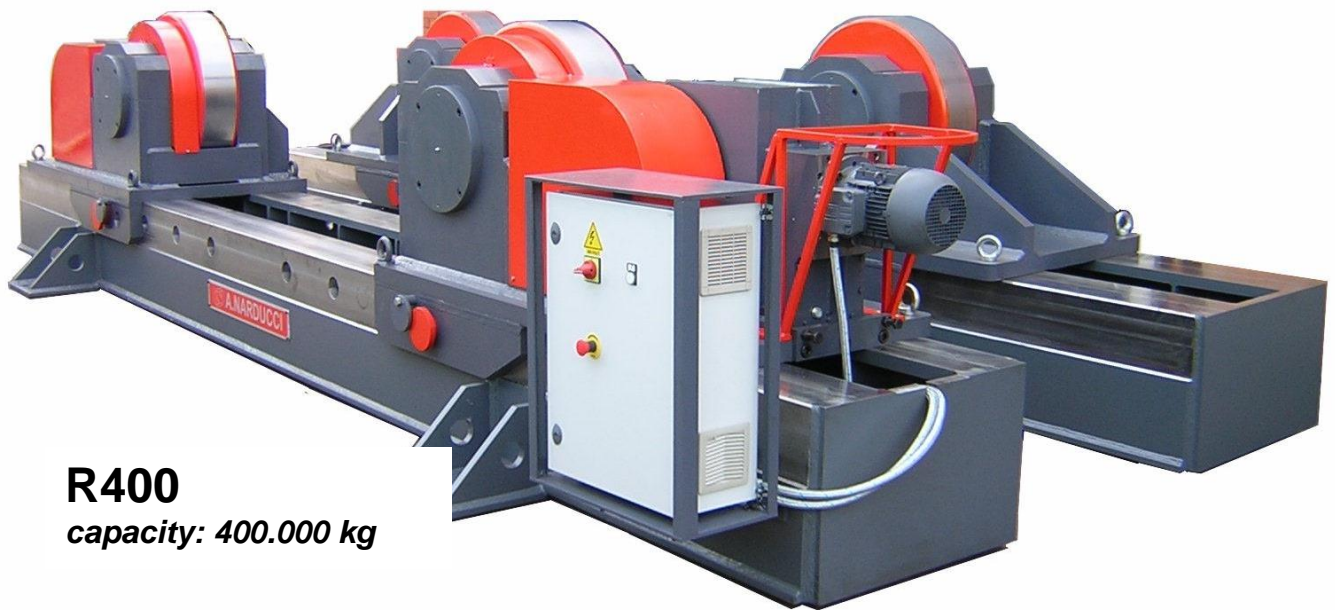
TURNING ROLLS

R RANGE

CAPACITY: 20-2000 Ton



- **LARGE CAPACITY: FROM 20 UP TO 2000 TONS**
- **HIGH ROTATING TORQUE**
- **NARROW DESIGN**
- **EASY MAINTENANCE**



R400

capacity: 400.000 kg

The **A.NARDUCCI** turning rolls for manual and automatic welding are conceived to handle big size pieces with weight from 20 up to 2000 Tons.

All the model range is designed according to standards of performances and use proficiency, combined with high indeformability and structural resistance, warranted by FEM (Finite Element Method) tests of main welded elements and by thermal stress relaxation performed before machining.



R40

placed on the machine.

All the range is conceived in order to minimize overall width and to ease maintenance and operation.

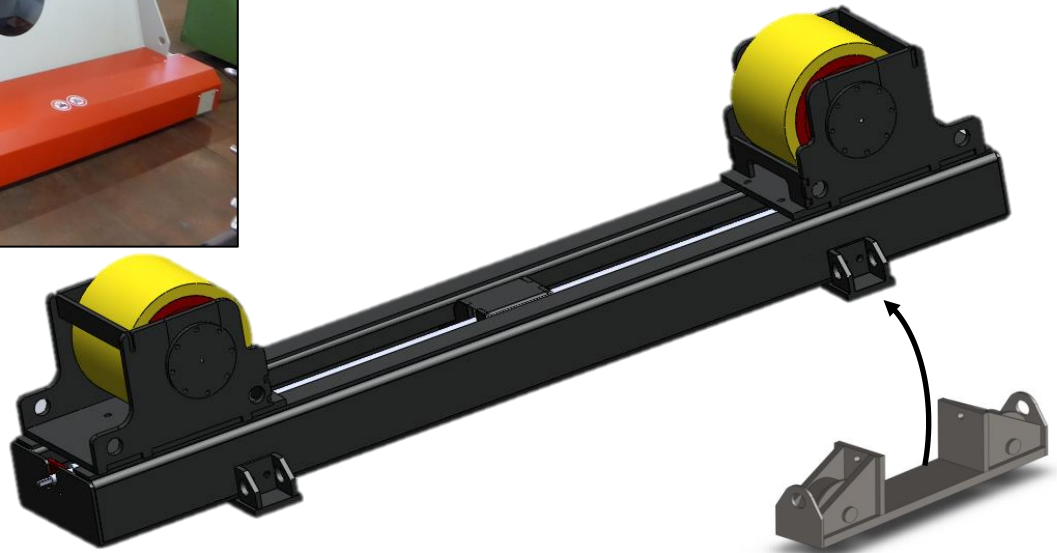
Speed reducer are placed "in line" with drive rollers in order to avoid side obstructions besides revolving tracks. At the same time a complete adjustment device allows to minimize backlash also after many operating time. The customer is given the possibility to choose make and type of speed reducer according his desires and requirements. Anyway our rotators boost high rotating torque due to afford use with several idler additional units.

The "In line" design of cinematic chain allows an absolutely easy maintenance and the possibility to service speed reducers also with workpiece



**R40S/
Elevated
drive boogies**

At the same time we have designed an easy interchangeable roller set due to allow rubber/metal interchange and also compatibility of conventional rotators with self aligning units. The results is an evolving machine according event requirements.



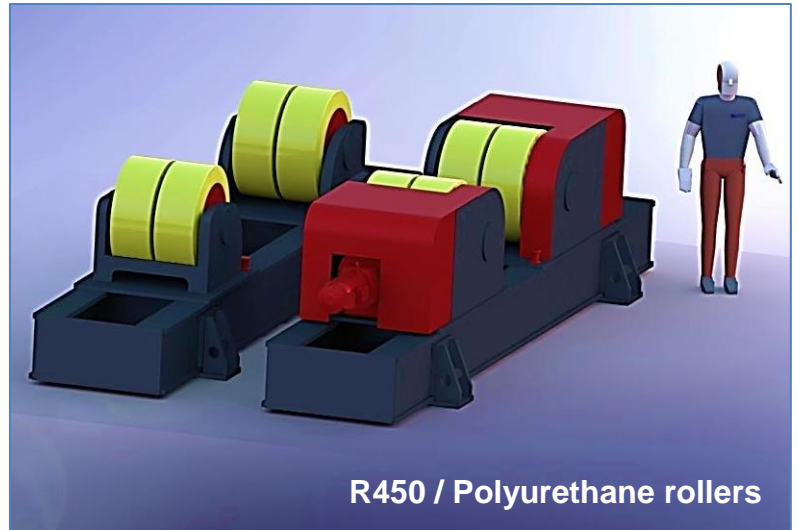
Flexibility means for us also the possibility to modify base plates position and to replace them with idler or drive traversing bogies according rail span of workshop.



**R160/valve
outer rollers**

All our turning rolls feature the possibility to install antidrift devices: mechanical or hydraulic, manually operated or automatic.

R20 / Antidrift /
SteelRollers /
Ground connection



R450 / Polyurethane rollers

CONVENTIONAL ROTATORS – Standard product range

Type		R20	R40	R60	R80	R100	R160	R250	R400	R650
Capacity	[kg]	20.000	40.000	60.000	80.000	100.000	160.000	250.000	400.000	650.000
Peripheral force	[N]	18.000	36.000	54.000	72.000	90.000	120.000	155.000	220.000	320.000
Roller diameter	[mm]	300	400	500	500	500	600	600	700	800

SELF ALIGNING ROTATORS – Standard product range

Type		R20S	R40S	R60S	R80S	R100S	R160S	R250S	R400S	R650S
Capacity	[kg]	20.000	40.000	60.000	80.000	100.000	160.000	250.000	400.000	650.000
Peripheral force	[N]	18.000	36.000	54.000	72.000	90.000	120.000	155.000	220.000	320.000
Roller diameter	[mm]	30	350	400	400	400	500	500	700	800

Beside standard machines we are ready to design special machines according special requirements such as higher capacities, polyurethane rollers, fit-up sets, bogies, antidrift, wireless control and many other features.



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