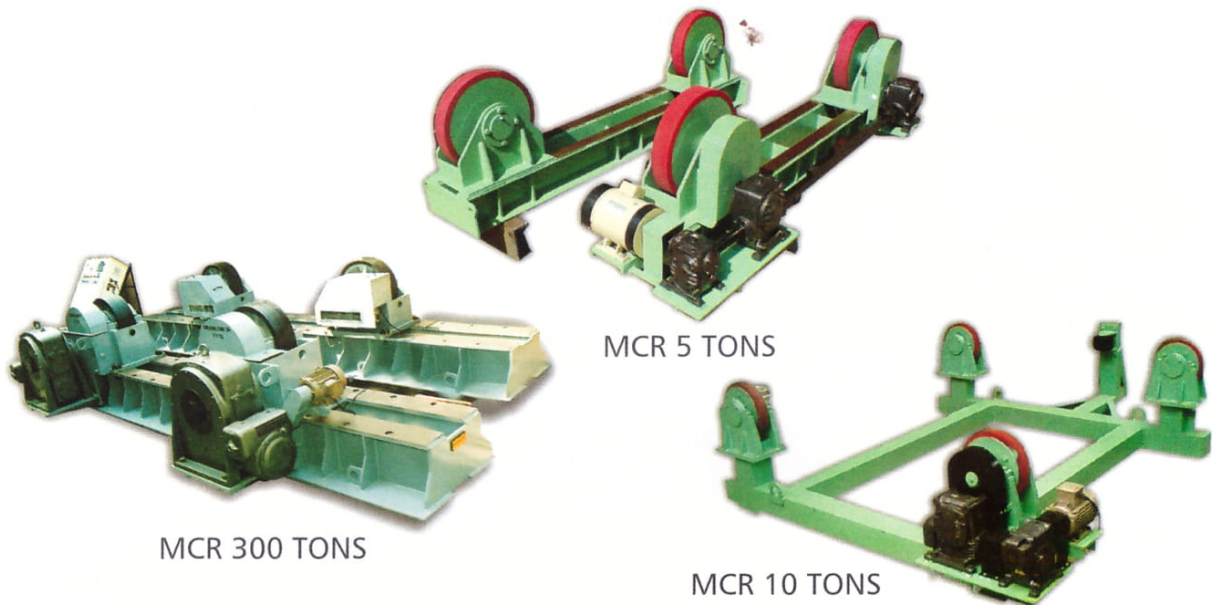


CONVENTIONAL TYPE ROTATOR

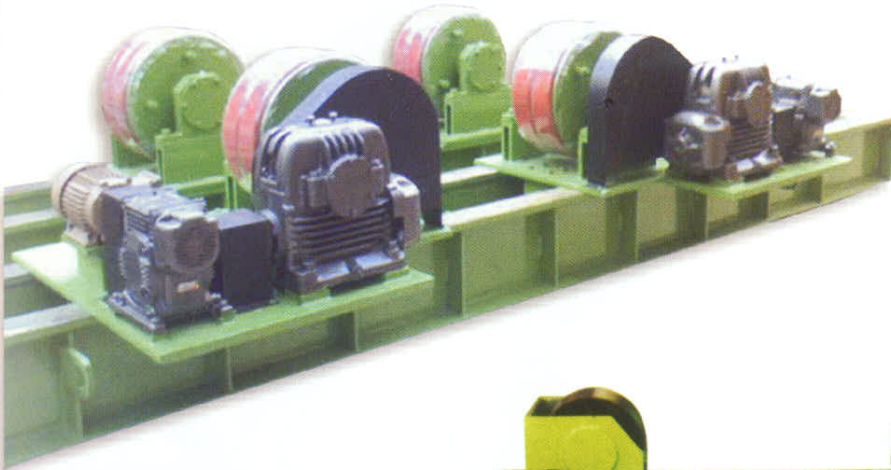


MCR CONVENTIONAL TYPE ROTATORS

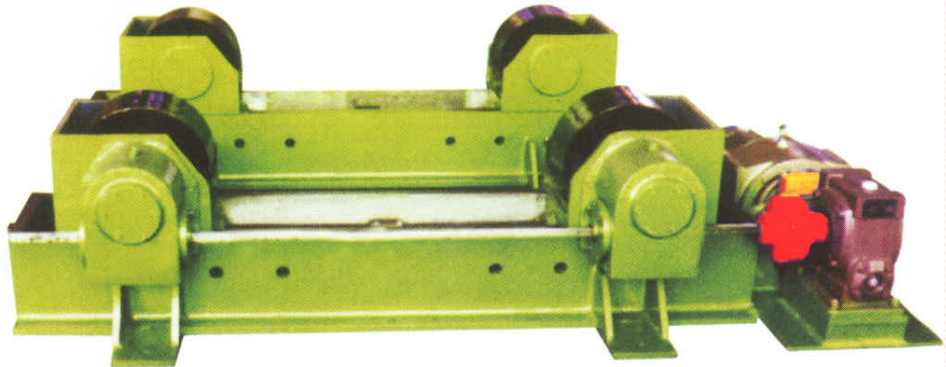
MODEL	TOTAL LOAD CAPACITY FOR DRIVE+IDLER	ROTATION CAPACITY	VESSEL DIAMETER		WELDING SPEED MM / MIN.	WHEEL SIZE Ø X WIDTH	NO. OF WHEELS PER SHAFT	MATERIAL OF WHEEL
			MIN	MAX				
MCR 2	2 TONS	2 TONS	250	1500	100 - 1200	300 x 50	1	Polyurethane
MCR 5	5 TONS	5 TONS	300	3000	100 - 1200	400 x 75	1	Polyurethane
MCR 10	10 TONS	10 TONS	450	3500	100 - 1200	400 x 100	1	Polyurethane
MCR 15	15 TONS	15 TONS	500	4000	100 - 1200	400 x 120	1	Polyurethane
MCR 20	20 TONS	20 TONS	500	4000	100 - 1200	450 x 120	1	Polyurethane
MCR 25	25 TONS	25 TONS	600	4000	100 - 1200	450 x 130	1	Polyurethane
MCR 30	30 TONS	30 TONS	600	4500	100 - 1200	450 x 150	1	Polyurethane
MCR 40	40 TONS	40 TONS	650	5000	100 - 1200	500 x 150	1	Polyurethane
MCR 50	50 TONS	50 TONS	650	5000	100 - 1200	500 x 200	1	Polyurethane
MCR 60	60 TONS	60 TONS	650	5500	100 - 1200	500 x 125	2	Polyurethane
MCR 80	80 TONS	80 TONS	700	6000	100 - 1200	550 x 150	2	Polyurethane
MCR 100	100 TONS	100 TONS	700	6000	100 - 1200	550 x 150	3	Polyurethane
MCR 200	200 TONS	200 TONS	900	6000	100 - 1200	650 x 160	1	Steel
MCR 300	300 TONS	300 TONS	900	6000	100 - 1200	650 x 200	1	Steel

In view of continuous development and innovation the dimensions and specifications are subject to change.
Custom built machines can be manufactured as per customer's technical specification.

SELF CENTERING TYPE ROTATORS



MSCR 50 TONS



MSCR 10 TONS

Model - 'MSCR'

Rotators are designed to rotate the cylindrical vessels of all types.

Each set comprises of 1 Drive unit and 1 Idler unit.

Types of Wheel : Polyurethane/ Steel

Standard Drive Options : A.C. VFD Drive OR / D.C. Variable Speed.

Construction of the Rotator base frame is similar to that of conventional type Rotators. Only the wheel mounting brackets slides on the bed through LH & RH lead screws. The Lead screw is rotated manually through handle. The roller brackets move simultaneously towards each other or away from each other.

In Drive unit both the wheels are individually driven by separate motor and gearbox.

Control Panel :

The Control Panel has On/Off, in Auto/Manual mode. Reverse/Forward & Inching facility in manual Mode with 10 M cable Pendant Control.

Salient Features :

Both the wheels get adjusted simultaneously through Lead screw LH & RH thread by manual rotation. The rotation of lead screw can be motorized on request.

Types of Wheel : Polyurethane/ Steel

SELF CENTERING TYPE ROTATORS



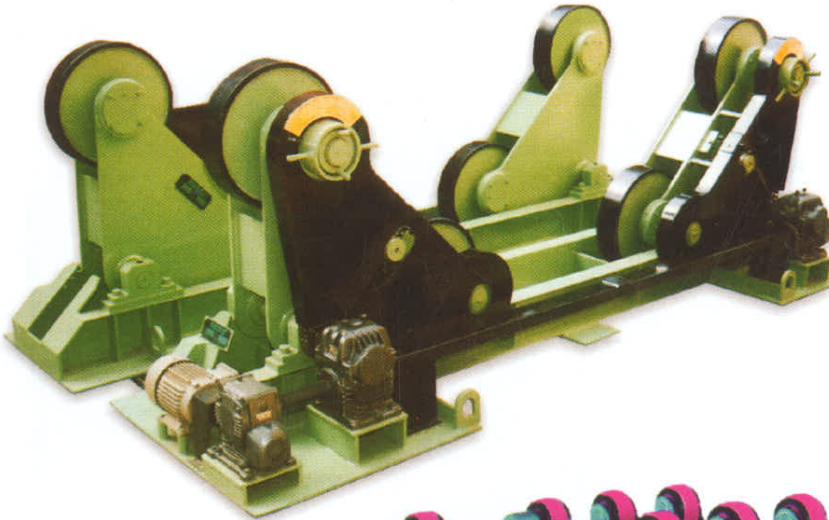
MSCR 60 TONS

MSCR SELF CENTERING TYPE ROTATORS

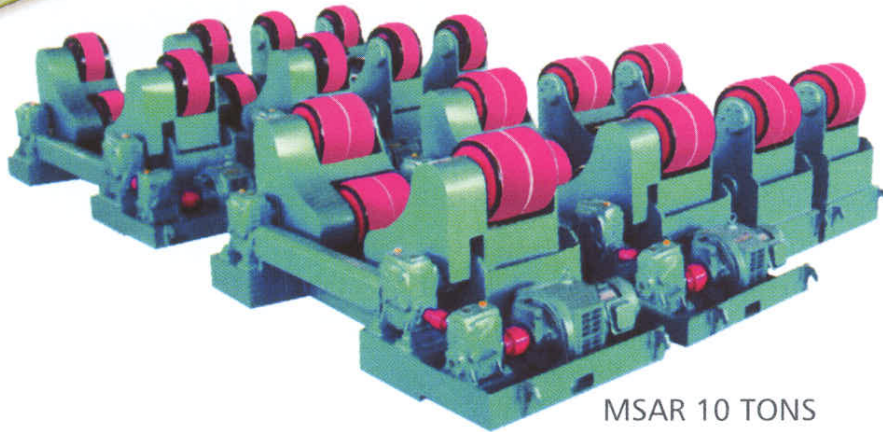
MODEL	TOTAL LOAD CAPACITY FOR DRIVE+IDLER	ROTATION CAPACITY	VESSEL DIAMETER		WELDING SPEED MM / MIN.	WHEEL SIZE Ø X WIDTH	NO. OF WHEELS PER SHAFT	MATERIAL OF WHEEL
			MIN	MAX				
MSCR 2	2 TONS	2 TONS	250	1500	100 – 1200	300 x 50	1	Polyurethane
MSCR 5	5 TONS	5 TONS	300	3000	100 – 1200	400 x 75	1	Polyurethane
MSCR 10	10 TONS	10 TONS	450	3500	100 – 1200	400 x 100	1	Polyurethane
MSCR 15	15 TONS	15 TONS	500	4000	100 – 1200	400 x 120	1	Polyurethane
MSCR 20	20 TONS	20 TONS	500	4000	100 – 1200	450 x 120	1	Polyurethane
MSCR 25	25 TONS	25 TONS	600	4000	100 – 1200	450 x 130	1	Polyurethane
MSCR 30	30 TONS	30 TONS	600	4500	100 – 1200	450 x 150	1	Polyurethane
MSCR 40	40 TONS	40 TONS	650	5000	100 – 1200	500 x 150	1	Polyurethane
MSCR 50	50 TONS	50 TONS	650	5000	100 – 1200	500 x 200	1	Polyurethane
MSCR 60	60 TONS	60 TONS	650	5500	100 – 1200	500 x 125	2	Polyurethane
MSCR80	80 TONS	80 TONS	700	6000	100 – 1200	550 x 150	2	Polyurethane
MSCR 100	100 TONS	100 TONS	700	6000	100 – 1200	550 x 150	3	Polyurethane
MSCR 200	200 TONS	200 TONS	900	6000	100 – 1200	650 x 160	1	Steel
MSCR 300	300 TONS	300 TONS	900	6000	100 - 1200	650 x 200	1	Steel

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SELF ALIGNING TYPE ROTATORS



MSAR 20 TONS



MSAR 10 TONS

Model - 'MSAR'

Self Aligning Rotators are fabricated from heavy steel plate & section strongly welded. The pivot shaft housing and the bearing housings in the swivel bracket are accurately machined in one setting. The wheel shaft run on heavy duty spherical roller bearings housed in swivel bracket.

All the wheels in the drive unit are positively driven by a train of duplex chain or spur gears. The outer wheels in the swivel bracket in Drive unit are fitted with clutch having clutch liner to avoid any breakage during loading and unloading of job on rotators.

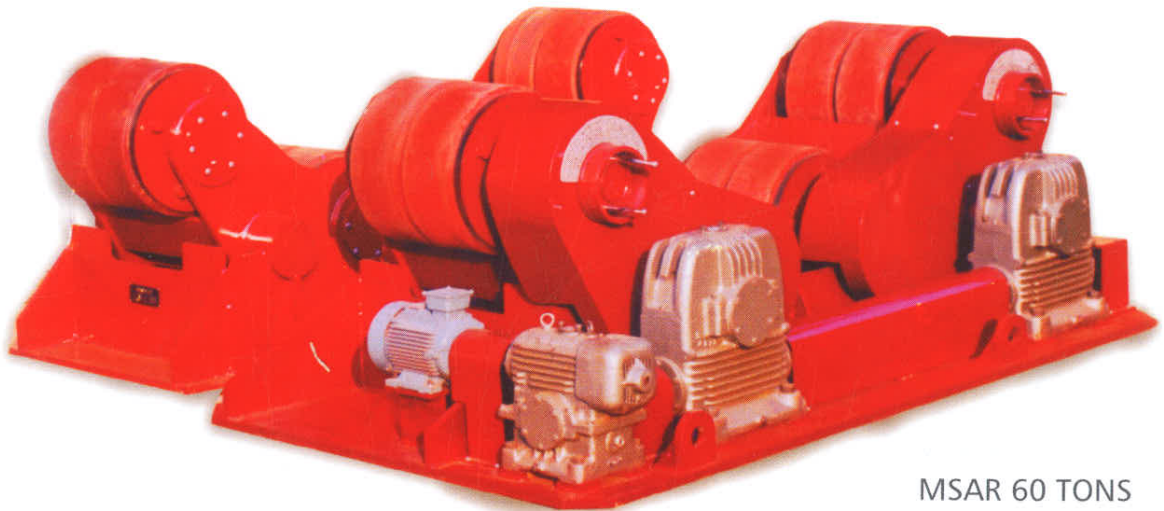
The swivel brackets adjust itself according to the diameter of the vessel.

Salient Features :

All the wheels automatically get adjusted for all job diameters.
Centre axis of job remain stable for all job diameters.
Suitable for 'thin walled' shells.
Better acceptability to ovality of vessels compared to other models.
Most accepted design for very busy fabrication shops.

Types of Wheel : Polyurethane/Steel

SELF ALIGNING TYPE ROTATORS



MSAR 60 TONS

MSAR SELF ALIGNING TYPE ROTATORS

MODEL	TOTAL LOAD CAPACITY FOR DRIVE+IDLER	ROTATION CAPACITY	JOB DIAMETER MIN MAX	WELDING SPEED MM / MIN.	WHEEL SIZE Ø X WIDTH	NO. OF WHEELS PER SHAFT	MATERIAL OF WHEEL
MSAR 5	5 TONS	5 TONS	650 3000	100 – 1200	350 x 75	1	Polyurethane
MSAR 10	10 TONS	10 TONS	750 3500	100 – 1200	400 x 75	1	Polyurethane
MSAR 15	15 TONS	15 TONS	1050 4000	100 – 1200	400 x 75	1	Polyurethane
MSAR 20	20 TONS	20 TONS	950 4000	100 – 1200	400 x 75	1	Polyurethane
MSAR 30	30 TONS	30 TONS	1100 4500	100 – 1200	450 x 100	1	Polyurethane
MSAR 40	40 TONS	40 TONS	1250 5000	100 – 1200	450 x 100	1	Polyurethane
MSAR 50	50 TONS	50 TONS	1250 5000	100 – 1200	450 x 125	1	Polyurethane
MSAR 60	60 TONS	60 TONS	1400 5500	100 – 1200	500 x 150	1	Polyurethane
MSAR 80	80 TONS	80 TONS	1500 6000	100 – 1200	550 x 125	2	Polyurethane
MSAR 100	100 TONS	100 TONS	1500 6000	100 – 1200	550 x 150	2	Polyurethane
MSAR 200	200 TONS	200 TONS	1300 6000	100 – 1200	650 x 160	1	Steel
MSAR 300	300 TONS	300 TONS	1800 7000	100 – 1200	650 x 200	1	Steel

In view of continuous development and innovation the dimensions and specifications are subject to change.
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