

SPECIFICATIONS

Capacity	500kg
Load Centre	1585mm
Weight:	820kg
H C of G	393mm
V C of G	333mm
Lost Load	332mm
Opening Range:	630 – 1970mm ITI
Design Ref:	HSRD 1773



Features and Benefits

- The clamp is manufactured with high quality extruded profiles designed to minimise attachment weight, lost load thickness and the position of the center of gravity to maximise the residual truck capacity.
- This rotator offers 360° load lateral rotation either clockwise or counter clockwise.
- High residual forklift capacity is once again achieved due to the low weight, centre of gravity and reduced thickness.
- Excellent visibility is provided through the use of an opening in the middle of the attachment.

Tyre handling arms

One pair special Handling Systems tyre handling arms to be bolted directly to the rotating clamp body. These arms will be aligned with the centre of the rotator so that when a tyre is clamped centrally in the attachment it will rotate through its central axis.

These arms will be designed to handle a 450kg capacity truck tyre and wheel combination up to 1800 R 25.

The arms will be fitted with profiled shaped tyre pads that will extend beyond the end of the main support arms to provide minimum thickness between the outside radius of the tyre and obstructions on the trucks & trailers. All cylinders, supports, shafts and bearings will be positioned to the inside of the contact surface of the tyre pads so that these components will not impact on components on the trucks & trailers.

The tyre pads will rotate through 90 degrees to allow the tyre and wheel assembly to be rotated from the vertical to horizontal axis.

The oil supply being provided to the tyre handling arms will be delivered through a central rotary union in the centre of the rotator which will allow the clamp attachment to be rotated 360 degrees continuously in either direction.

Forklift Requirements:

The forklift truck needs to be supplied with a two stage mast, an ITA class 3 sideshift carriage and one additional valve and hose function over lift, tilt and sideshift. – Fork tyres are not required.

1 st Control lever (closest to operator)	Lift/lower.
2 nd Control lever	Mast tilt forward/back.
3 rd Control lever	Sideshift left/right.
3 rd Control lever – Plus button 1	Rotate left/right (Continuous)
3 rd Control lever – Plus button 2	Tyre pad rotate Fwd/Back 90 degrees.
4 th Control lever	Clamp close/open.