

**Manufacturing department  
Reference products**



**WORLD CRANE SERVICES**



# 20/40 Safety cage

This is a very popular product for WCS and we have shipped over 474 of these units worldwide (reference list attached) to all major ports and terminal operators.

- All cages are designed and certified to all international design and safety standards.
- The cages are designed and manufactured here in the UAE and WCS keep a tight grip over the quality control process.
- The cages are also load tested and then NDT tested to ensure the highest level of safety and finish and
- all cages are fitted with a number of secondary safety attachments as standard. Paint system is to marine specifications, tri-coat, 325 microns minimum thickness

# 7m Cradles

WCS is already working in the manufacture of the 7m cradles for undocking vessels

- Design improve to adapt new wheels diameter
- All welding according ASME and AWS
- 3<sup>rd</sup> party NDT inspection
- Designed and manufactured here in the UAE and WCS keep a tight grip over the quality control process.
- Sand blasting and painting of the cradles according to marine specifications using Hempel brand paint
- Manufacture in our specialist sub-contractors' facility. This manufacture selected by WCS has proven to be capable to offer the desired quality level of workmanship that we are accustomed to, and with the manufacturing capacity to meet realistic delivery schedules







# Other structural designs

WCS has also develop several standards products focusing on the ports market. Our customers are all around the world and they rely in our products as we have demonstrated a very good quality and professional working.

WCS also design and manufacture products as per special requests

All WCS product:

- Welding according ASME and AWS
- 3<sup>rd</sup> party NDT inspection
- Designed and manufactured here in the UAE and WCS keep a tight grip over the quality control process.
- Sand blasting and painting of the cradles according to marine specifications using Hempel brand paint
- Load test according the applicable standards
- Manufacture in our specialist sub-contractors' facility. This manufacture selected by WCS has proven to be capable to offer the desired quality level of workmanship that we are accustomed to, and with the manufacturing capacity to meet realistic delivery schedules

# Standard manufacture projects reference list

	<p>20/40ft safety cage</p>	<p>Modular safety cage to lift personnel. Can be lift with the 20ft and 40ft spreaders. It is use for lashing containers</p>	<p>More than 474 units</p>
	<p>Tyre blast cage and tyre blast screen</p>	<p>Tyre inflation protection equipment</p>	<p>40 units</p>
	<p>Fork lift basket</p>	<p>Basket to lift personnel with a forklift. It is used to reach difficult areas normally for maintenance</p>	<p>8 units</p>
	<p>Man basket</p>	<p>Basket to lift personnel with crane. It is used to reach difficult area normally for maintenance</p>	<p>9 units</p>
	<p>Pinning station</p>	<p>Protected working area to pin/unpin the twistlocks of container trucks</p>	<p>50 units</p>

# Other manufacture projects reference list

	<p>7m Cradles</p>	<p>We are currently manufacturing the 7m cradles according to your specifications</p>	<p>20 units</p>
	<p>Special 20ft rescue safety cage</p>	<p>Special safety cage to lift personnel. Special design for rescue purpose</p>	<p>10 different design units (custom design as per client specifications)</p>
	<p>Gondola safety cage</p>	<p>Modular gondola safety cage to lift personnel. Can be lift with the 20ft and 40ft spreaders. It is use for lashing containers</p>	<p>On design phase / commercial phase</p>
	<p>Lifting beams and spreader beams</p>	<p>Different lifting and spreader beams custom designs as per client request</p>	<p>On design phase / commercial phase</p>
	<p>Special structures</p>	<p>We also design and manufacturer different structural designs as per client requirements</p>	<p>On design phase / commercial phase</p>