

TURNTABLE CRANES IN DETAILS

MARINE TREATMENT

Corrosion resistance standard ASTM B117

SPECIAL PROTECTION 240 µm

RELIABLE IN EVERY ASPECT

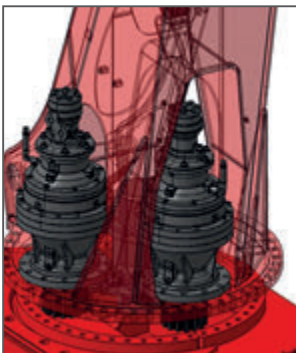
High resistance to extreme stresses. One of Fassi cranes' strengths can be found in the monolithic base structure and the column, made of molten cast iron and steel. The accuracy in the welding processes is another example of world-class value which forms part of the reliability of Fassi's products.

360° CONTINUOUS ROTATION BY MEANS OF HYDRAULIC MOTOR



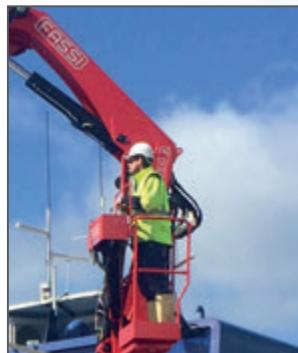
MARINE WATER RESISTANT CASING

Turntable cranes in details



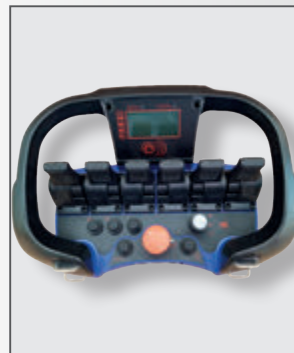
SLEWING SYSTEM

Continuous rotation with double roller and ball guide turntable and motoreducer, designed for intensive use.



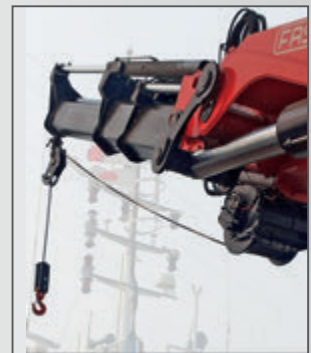
STAND-UP CONTROL STATION

The position of safety allows the operator complete control when executing specific manoeuvres and lifting operations, the ergonomic positioning of levers delivers ease of use and comfortable operation.



RADIO REMOTE CONTROLS

Radio remote controls of digital generation, to have an absolute operational control of the crane and able to communicate with the operator.

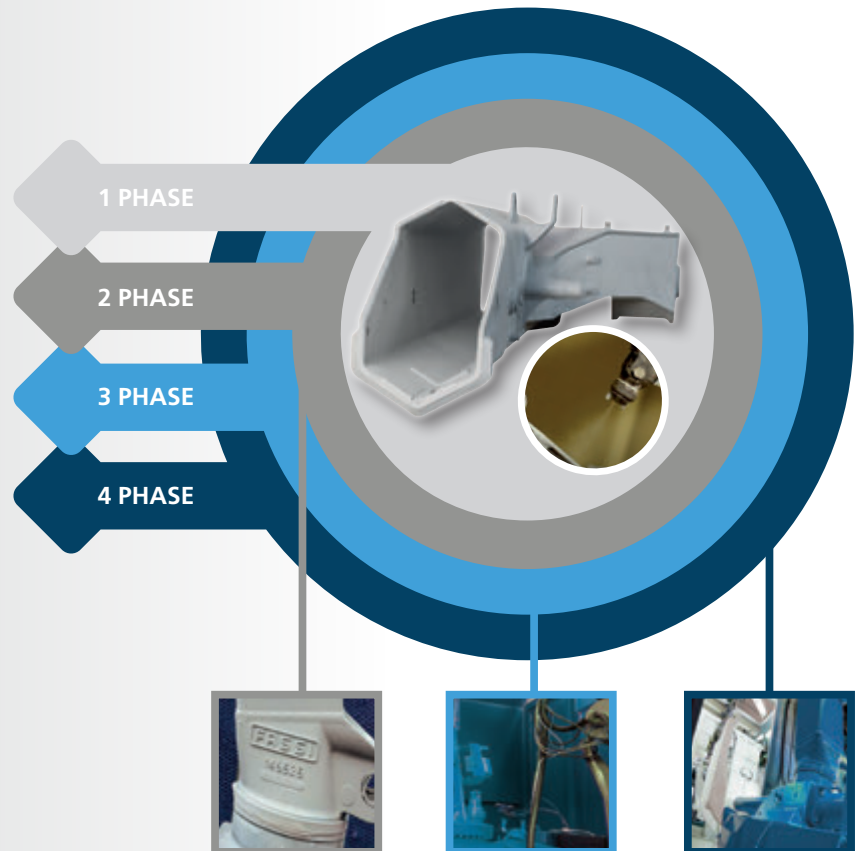


WINCHES

Cable-operated lifting device equipped with an exclusive, patented mechanical, torque and end stop limiter system which avoids the risks resulting from direct and indirect overload applied to the winch itself. Anti-revolving cable and cable guide pulley to make easy the aligned winding of the cable on the winch drum.

MARINE TREATMENT - 4 PHASES OF PAINTING

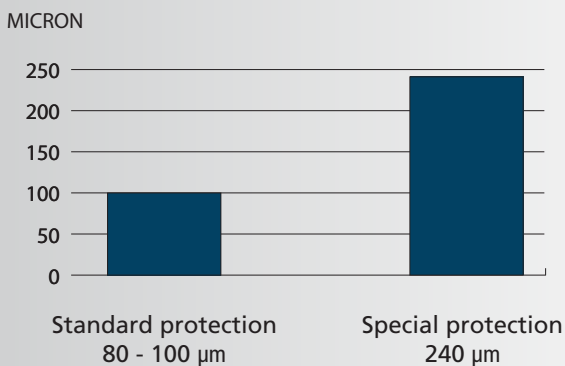
- **1 PHASE**
Sandblasting degree A Sa 2 ½ and application of 70 µm organic zinc
- **2 PHASE**
Double coat of bi-component epoxy primer 100 µm
- **3 PHASE**
Dual coat of polyurethane glaze finish 70 µm
- **4 PHASE**
Final baking



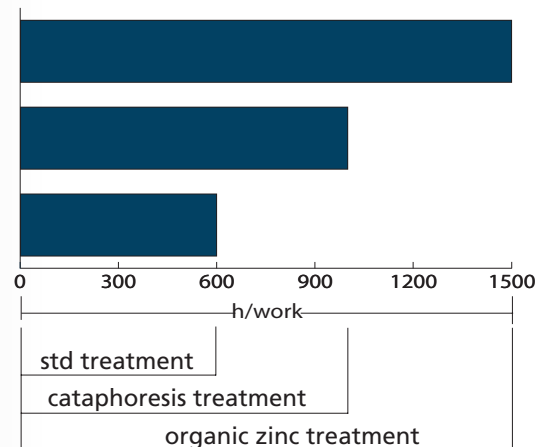
Each Fassi crane is provided with the best possible protection in order to face the most extreme working conditions of the marine environment, while maintaining its high standards of performance.

Total paint thickness

Total paint thickness + 140%



Corrosion resistance +150% standard ASTM B117 (UNI ISO 9227)



TOTAL PAINT THICKNESS - COMPONENTS



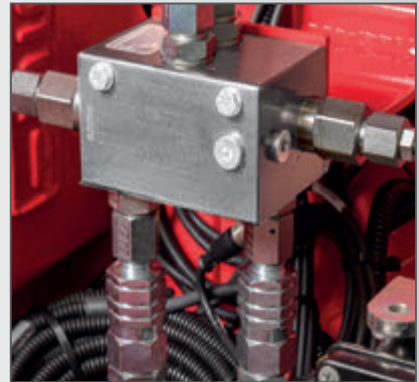
RODS

The rods of the inner and outer rams are nickel treated ($\geq 20 \mu\text{m}$) + chromium ($\geq 40 \mu\text{m}$).
The rods of the boom extension rams have a dual chromium thickness ($> 40 \mu\text{m}$).



ROTATION CYLINDERS

The rotation cylinders are treated with dual chromium plating of the inner part with a coating thickness $> 40 \mu\text{m}$.



ALLUMINIUM VALVES

The aluminium valves undergo an anodising treatment while those in steel are fully painted.

Total paint thickness - components



PINS

Pins are completely protected thanks to hardened chemical nickel plating (thickness $\geq 40 \mu\text{m}$).



FITTINGS AND HOSES

Standard zinc coating processes. Can be supplied on request in stainless steel.



PIPES

Special Zistaplex treatment, made to obtain protection excellent anti-corrosion in the hydraulic connection technique. Can be supplied on request in stainless steel.