



ANTENNA PEDESTAL

HIGH-QUALITY
&
INNOVATIVE
MANUFACTURING



WEATHER
RESISTANCE



DESIGNED FOR ATC
SYSTEMS



ELECTRIC MOTOR



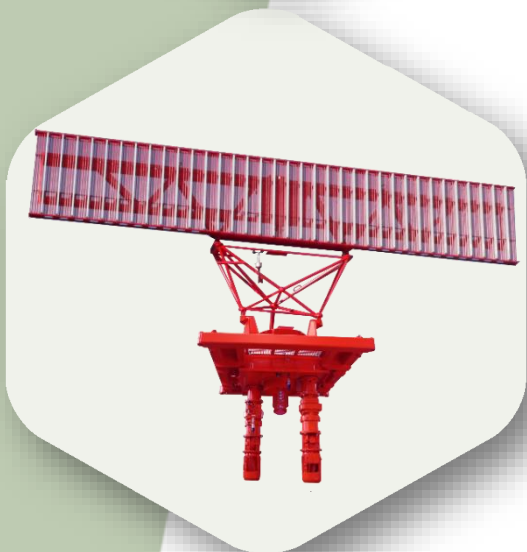
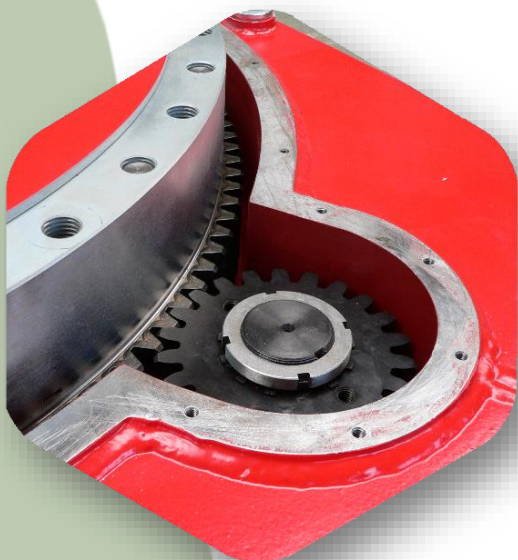
HELICAL GEARBOX



CLUTCH

MAIN FEATURES

- Serves to provide basic rotary motion of primary and secondary antenna of surveillance radars
- The rotary motion is provided by two gearboxes and electric motors
- Inside pedestal body holds a tank for oil designed to lubricate rollers of the bearing, its tooth system and drive pinions
- An electromagnetically actuated clutch installed between the motors and the gearboxes allows operation with one motor only
- Can be equipped with remote diagnostics & maintenance system
- In special version, the main bearing can be replaced without removal of the antenna



OPTIONS

- Electromagnetically actuated clutch between motor and gearbox
- Built-in rotary joint with encoders
- Diagnostical sensors (vibrations, temperatures, oil levels)
- Controlling by Pedestal drive unit

BASIC TECHNICAL PARAMETERS

Operating temperature	from -50°C up to +70°C
Start-up temperature	from -40°C
Relative humidity	from 5% to 100% with condensation (max. 90% humidity at +40°C)
Atmospheric pressure	from 900 hPa to 1080 hPa
Revolution speed	from 8 to 15 RPM, variable
Protection	IP55
Main power supply	3x 400V/230V, 50-60Hz, TN-S
Dimensions (L x W x H)	1646 x 1243 x 1873 mm
Weight	1422 kg



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