

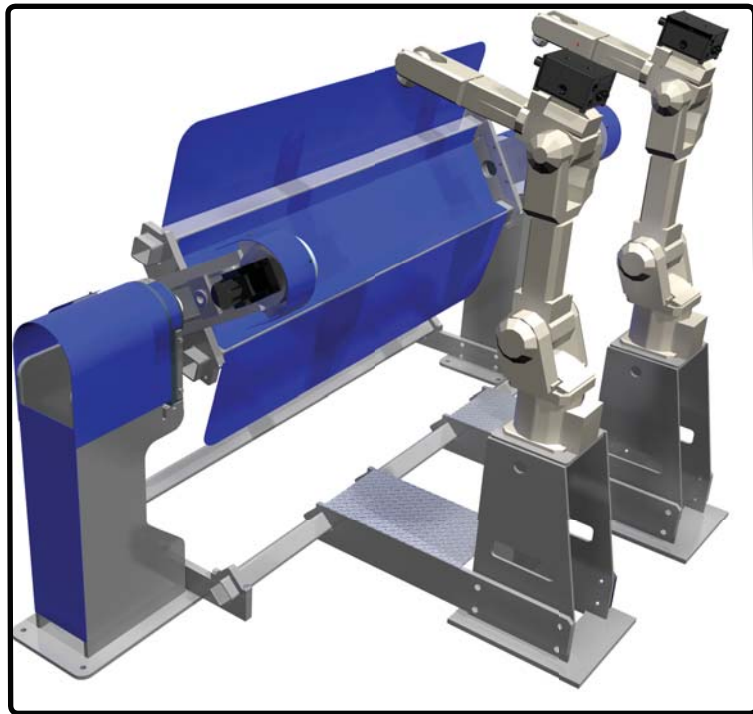
Ferris wheel positioners - F series

The Ferris positioner (or water wheel) allows parts to be rotated over centre axis.

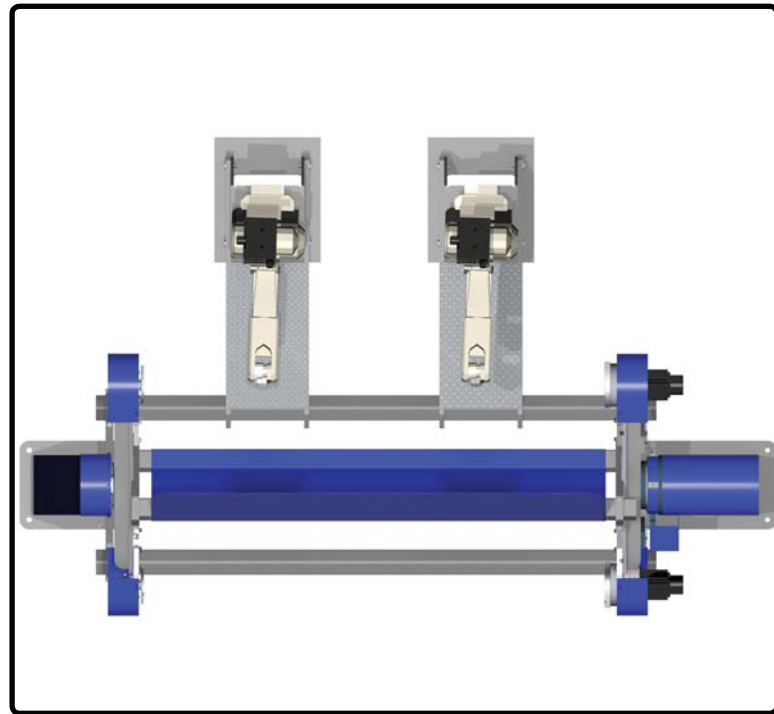
When centres go past 3 metres and fixtures are a small diameter, this system can save space over a centre mount or turntable design and smaller robots can be used if comparing to conventional turntable systems.

This cost effective positioner is ideal for system builders and end users as its design allows flexibility to change swing diameters and face plate distances easily. The flexible tooling drive modules allow simple capacity changes if projects change in the future.

The robot stand design locks the robots back to the positioner for improved stability.



500 kg direct drive ferris



SYSTEM FEATURES

- Modular component design
- Fully adjustable face plate centres from 2000-3000 mm standard (4500 mm on request)
- Tool swing diameters to 1200 mm standard and to 1600 on request
- Payloads from 250 up to 1000 kg per side.
- Motor mounts for all robot manufacturers.
- Sumitomo direct drive gearboxes on tooling drive to 500 kg payload and slewing ring drive to 1000 kg
- Service hole in main index drive and tooling tail stock
- Rotation lock pins for positive positioning of main index.
- Robot stands with link bars to positioner frame.
- Single robot on linear track to cover greater area.
- Extra axis drive modules to give two axis per station.
- Earth return modules.
- Strong backs.
- Quick release tooling adaptors.
- Non robot servo drive pack (ideal when using older robots.)
- Available in our HiArc 300 series as complete robot systems (call for details).

For additional options please contact local distributor

For further information contact



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