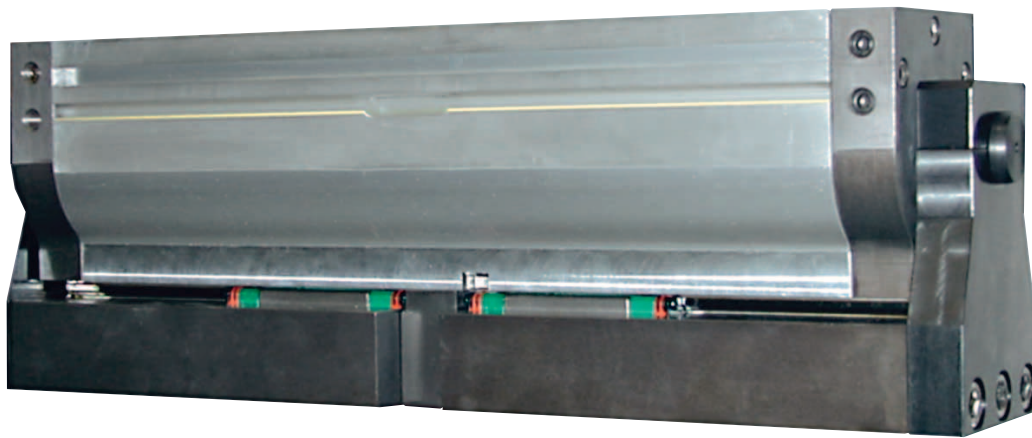
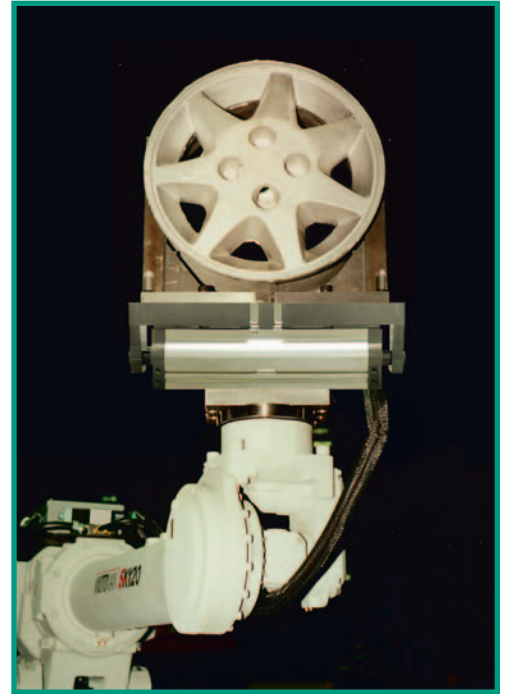


XRAY-S-2200

Parallel Opening/Closing Type Gripper
2 Finger 2200N

- **Handles big jobs with tremendous torque and force capability.**
- **Long jaws are no problem with the incorporated linear bearing rail.**
- **Sealed for years of trouble-free use in tough environments.**
- **Patented double helix for the ultimate precision over the life of the gripper.**



The latest member of the XRAY family offers mounting patterns identical to the XRAY-1250 but with almost twice the force. Drawing on the tradition of the SIGMA series, the XRAY-S incorporates a high-torque linear bearing rail for rigidity and a patented double helix for the ultimate level of precision available in a robotic gripper.

A uni-body extrusion increases rigidity as well as providing mounting and sensing T-slots. The XRAY-S accommodates D-Z73, D-Z76 and D-Z80 SMC sensors for “below surface” mounting and the highest reliability.

Tough environments are not a problem with this sealed unit. The Linear bearing blocks are fitted with wipers and industrial scrapers. The piston shafts are hardened and fitted with welding scrapers and polymer wipers. This combined with lube-for-life helix technology assures years of trouble-free operation.

For applications that require power loss protection, an optional Power Off Brake (POB) aggressively locks the helix and thus the jaws in case of an accidental loss of pneumatic pressure.



XRAY-S-2200

Parallel Opening/Closing Type Gripper
2 Finger 2200N

Force, Each Jaw:	2200N (495 lb)*
Stroke -200:	200mm (7.87")
Stroke -350:	350mm (13.78")
Weight -200:	15KG (33lb.)
Weight -350:	26KG (57lb.)
Jaw Torque Ma:	650NM (476 ft-lb.)
Jaw Torque Mb:	700NM (515 ft-lb.)
Jaw Torque Mc:	620NM (456 ft-lb.)
Max Pressure:	1,700kPa (250 psi)

*at 690 kPa (100 psi)

