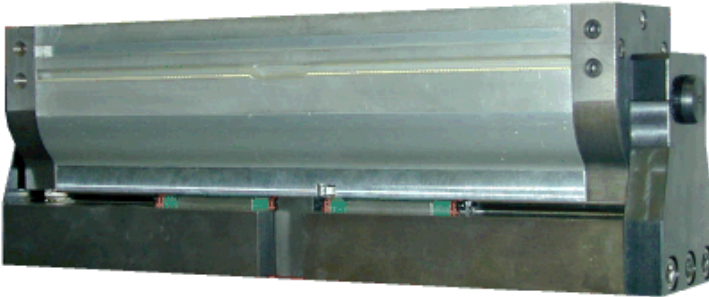


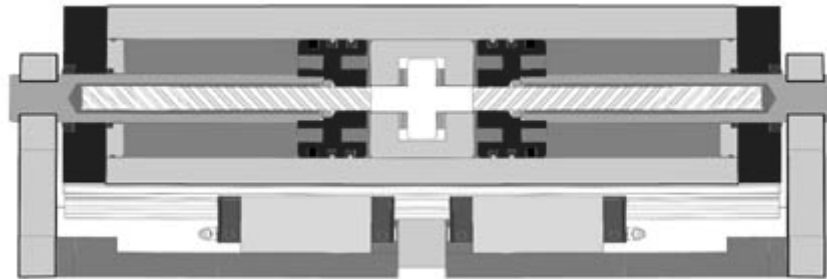
MODEL PX-S-2200

2-jaw Parallel Grippers



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

*at 690 kPa (100 psi)



- Handle big gripper 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 extreme environments
- Patented double helix for the ultimate precision over the life of the gripper

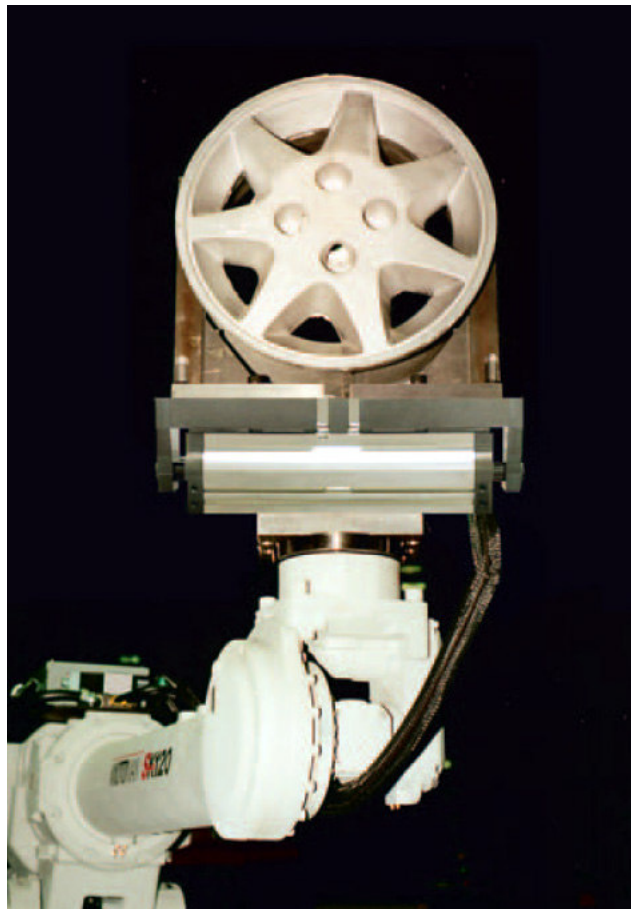


The PX-S-2200 grippers offer nearly twice the grip force of the PX-1250 and share an identical mounting pattern. Drawing on the tradition of RAD's High-Moment Parallel Gripper series, the PX-S grippers incorporate a high-torque linear bearing rail for rigidity and a patented double helix for the ultimate level of precision available in a robotic gripper.

A Uni-body extrusion increases rigidity as well as providing mounting and sensing T-slots. The PX-S-2200 accommodates a variety of sensors for "below surface" mounting and the highest reliability.

Tough environments are not a problem with this sealed gripper. 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.



PX-S-2200 Specifications

Stroke: 200mm (7.87"), 350mm (13.78")

Grip Force Per Jaw: 2200N (495 lbs) @ 690kPa (100 psi)

Weight: 15KG (33 lbs) 200mm stroke

Weight: 26KG (57 lbs) 350mm stroke

Mounting to Robot: Identical to PX-1250

Jaw Mounting Pattern: Identical to PX-1250

Construction: Sealed Uni-body with Linear Bearing Rail.

Double rod scrapers on piston rods.

Scrapers and Double Seals on bearing blocks

Sensing: SMC In-Channel or Proximity Kit

Jaw Torque: Ma: 650NM (476 ft-lbs)

Jaw Torque: Mb: 700NM (515 ft-lbs)

Jaw Torque: Mc: 620NM (456 ft-lbs)

PX-S-2200 Accessories

Every PX-S gripper provides mounting and sensing T-slots that accommodate D-Z73, DZ76, and DZ80 SMC sensors for "below surface" mounting and the highest reliability.

A Power-Off Brake (POB) is available as a field installable option to make these grippers easy to upgrade.

Kits are also available to accommodate 6.5 or 12mm tubular proximity switches.

PX-S-2200 Dimensions

