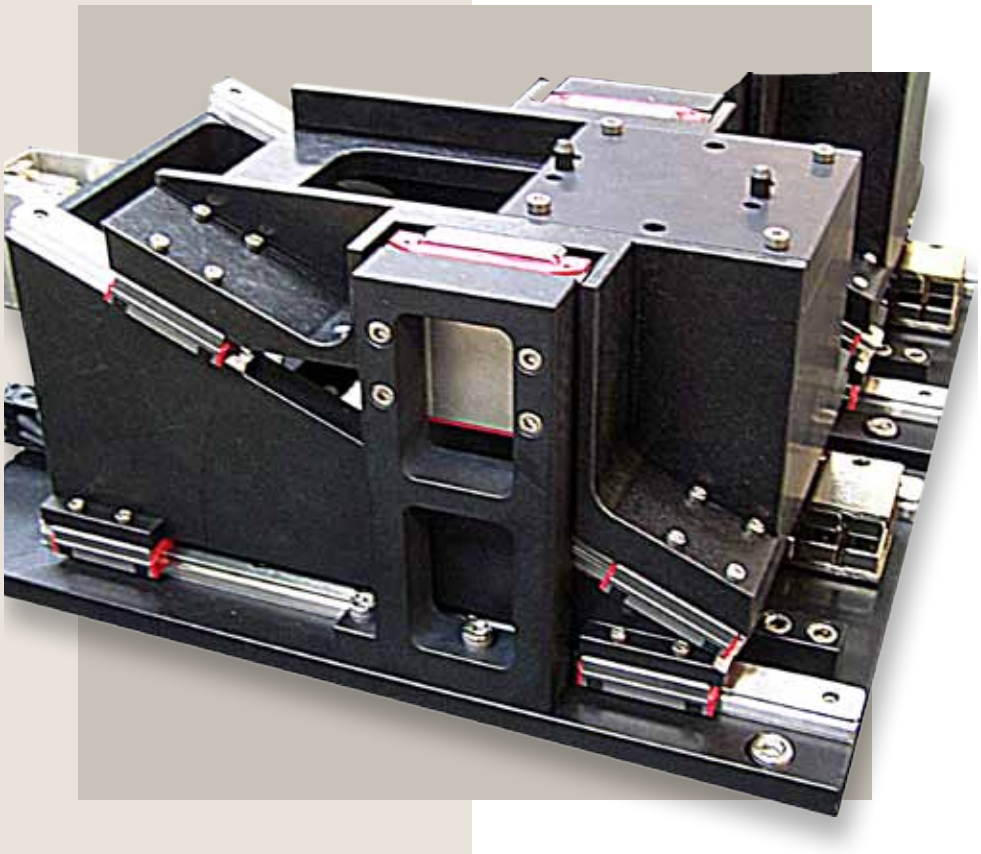
SCHNEEBERGER
LINEAR TECHNOLOGY



SBE Systems

Product Overview

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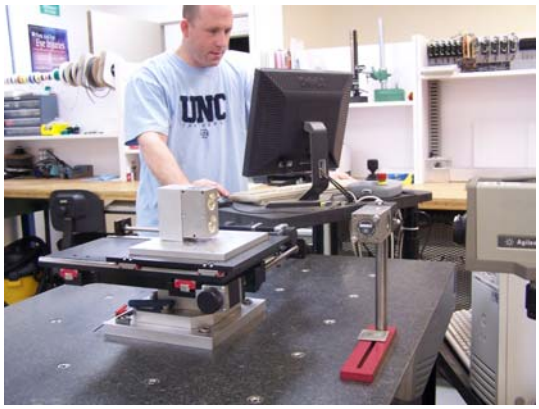
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Schneeberger Inc. headquarters established May 1, 1985



A local and global resource for precision linear positioning solutions

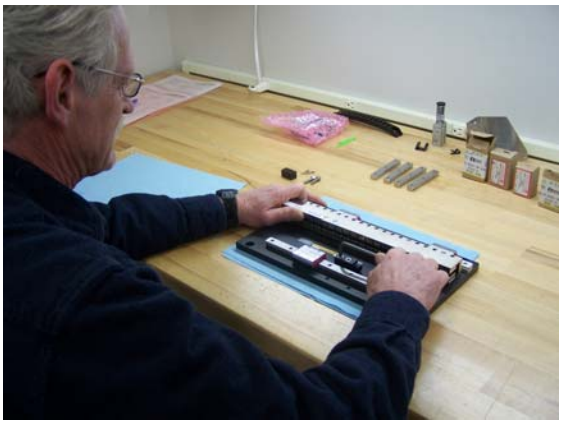


Our metrology capabilities enable us to provide verifiable quality assemblies.

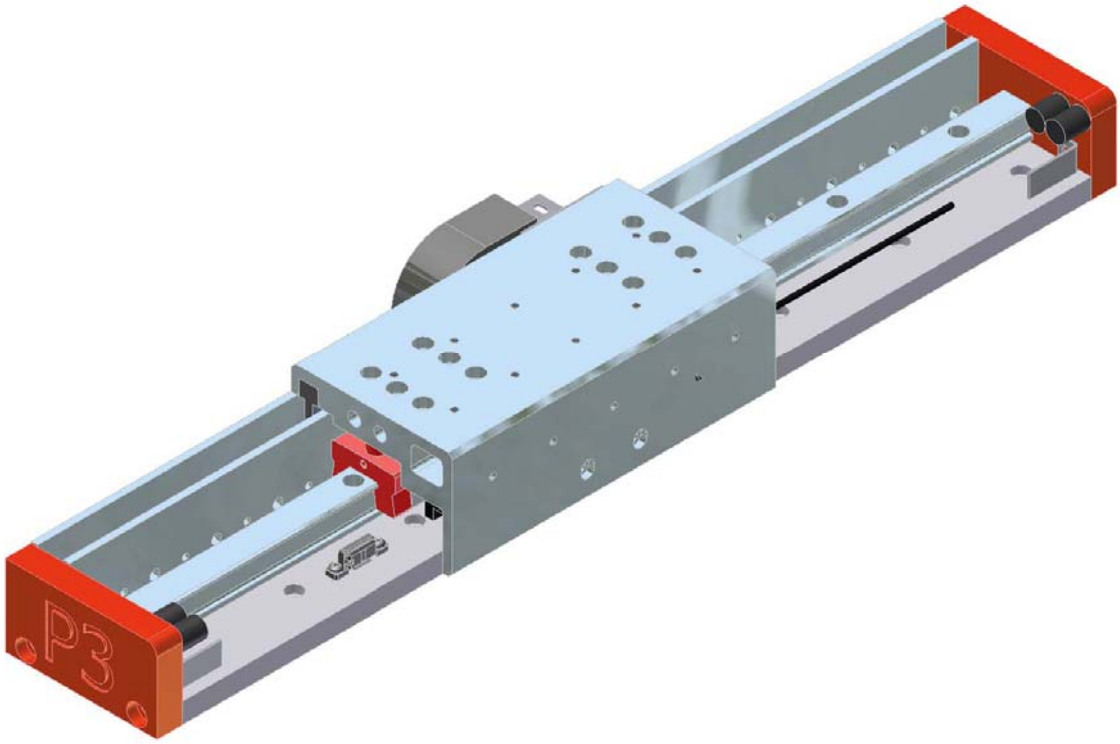


In-house rail cutting enables us to minimize prototype lead-time.

Our experienced workforce enables us to provide a wide rage of solutions from manually driven stages to those requiring ballscrew or linear motors.

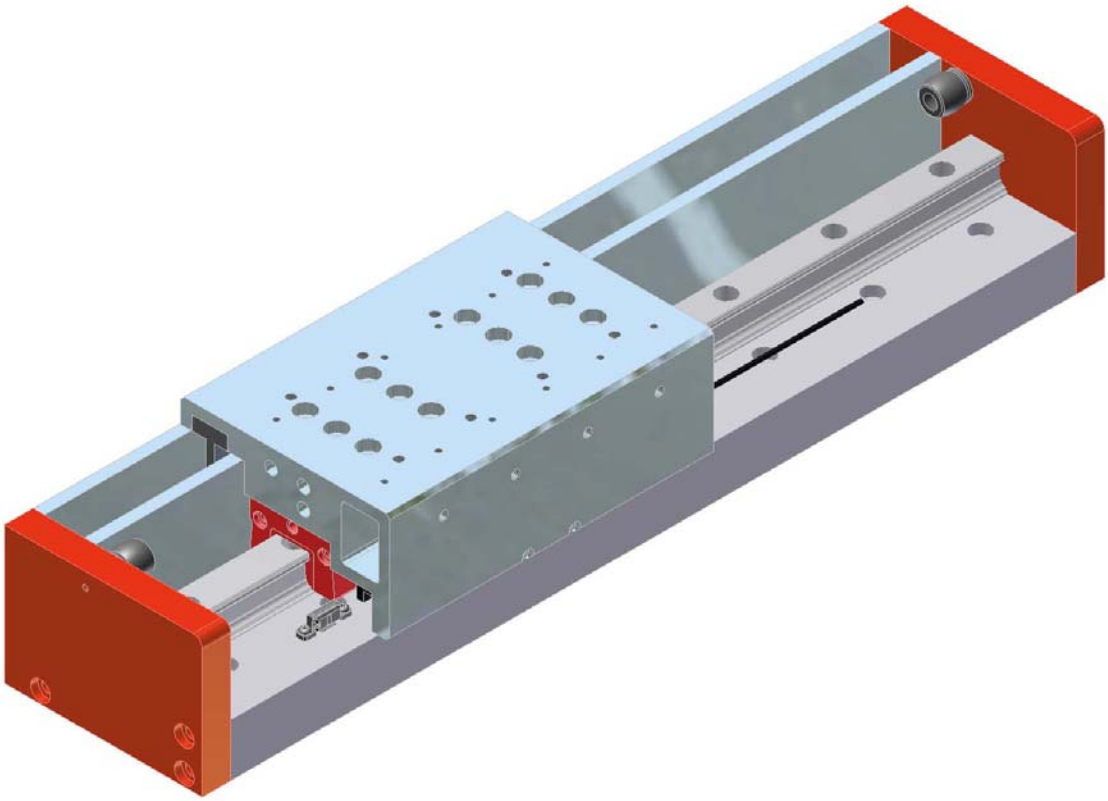


P3-12



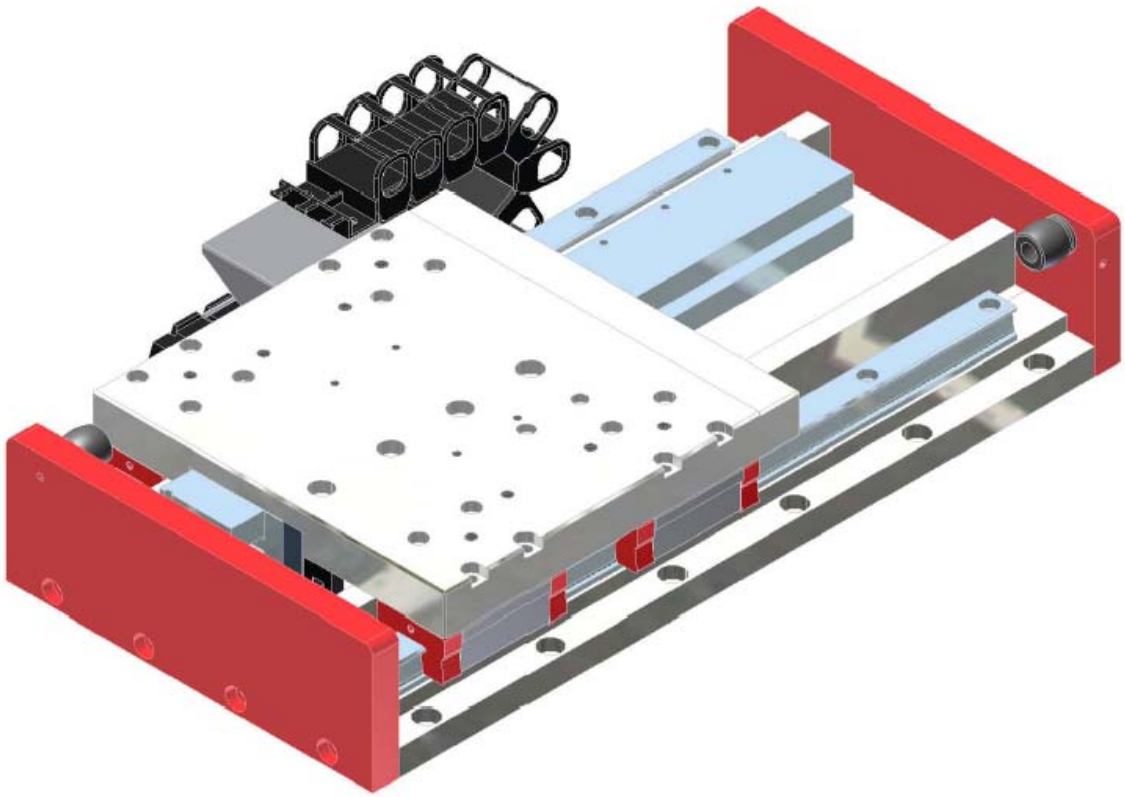
Travel	125mm to 1000mm in increments of 125mm
Encoder	Digital 5 mm, 1mm, 0.5mm and 0.1mm
Accuracy	100 mm/m
Flatness of Travel	100 mm/m
Straightness of Travel	100 mm/m
Footprint	-2 coil = 104mm X (travel +231 mm) -4 coil = 104mm X (travel +351 mm)

P3-20



Travel	125mm to 1000mm in increments of 125mm
Encoder	Digital 5 mm, 1mm, 0.5mm and 0.1mm
Accuracy	100 mm/m
Flatness of Travel	100 mm/m
Straightness of Travel	100 mm/m
Footprint	-2 coil = 140.2 mm X (travel +262 mm) -4 coil = 140.2 mm X (travel +381 mm)

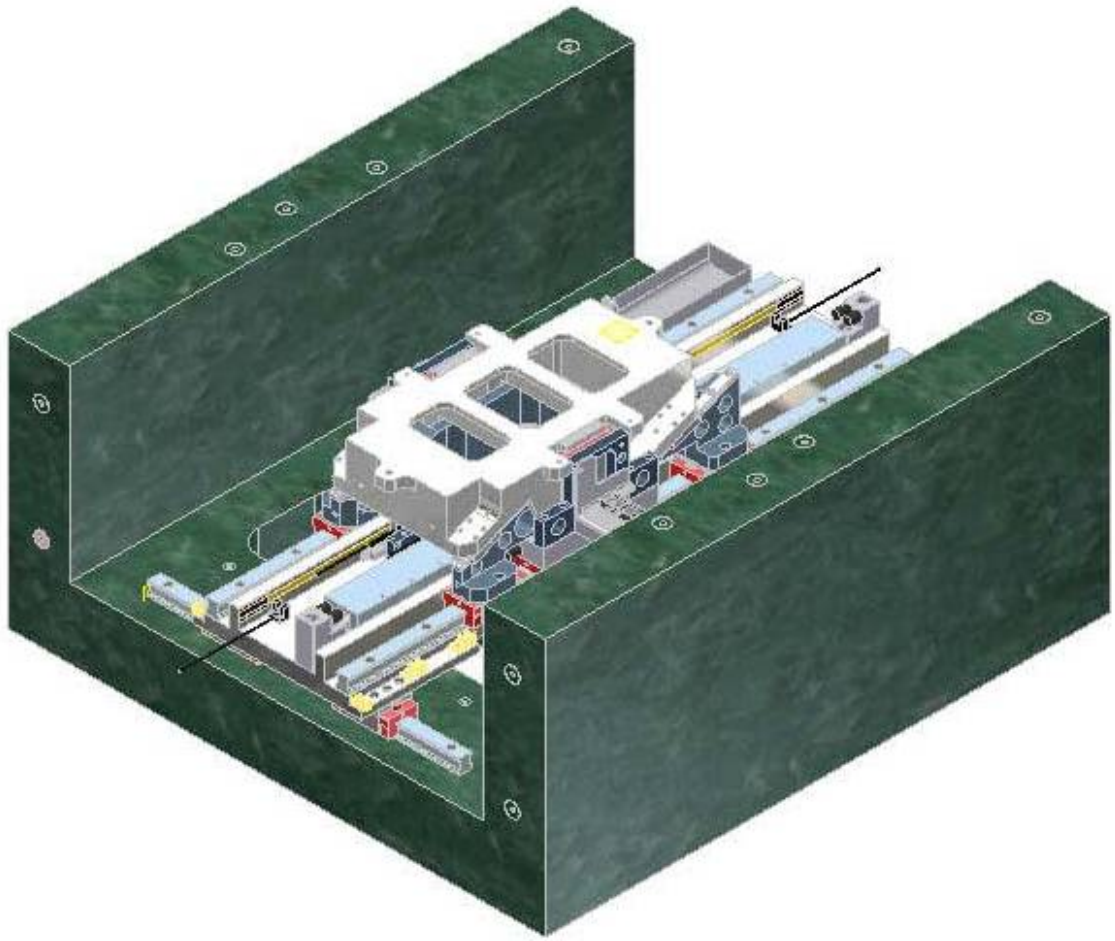
P4



Travel	125mm to 1000mm in increments of 125mm
Encoder	Analog 1Vpp
Accuracy	100 mm/m
Flatness of Travel	100 mm/m
Straightness of Travel	100 mm/m
Footprint	230 mm X (travel +267 mm)

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LINEAR TECHNOLOGY

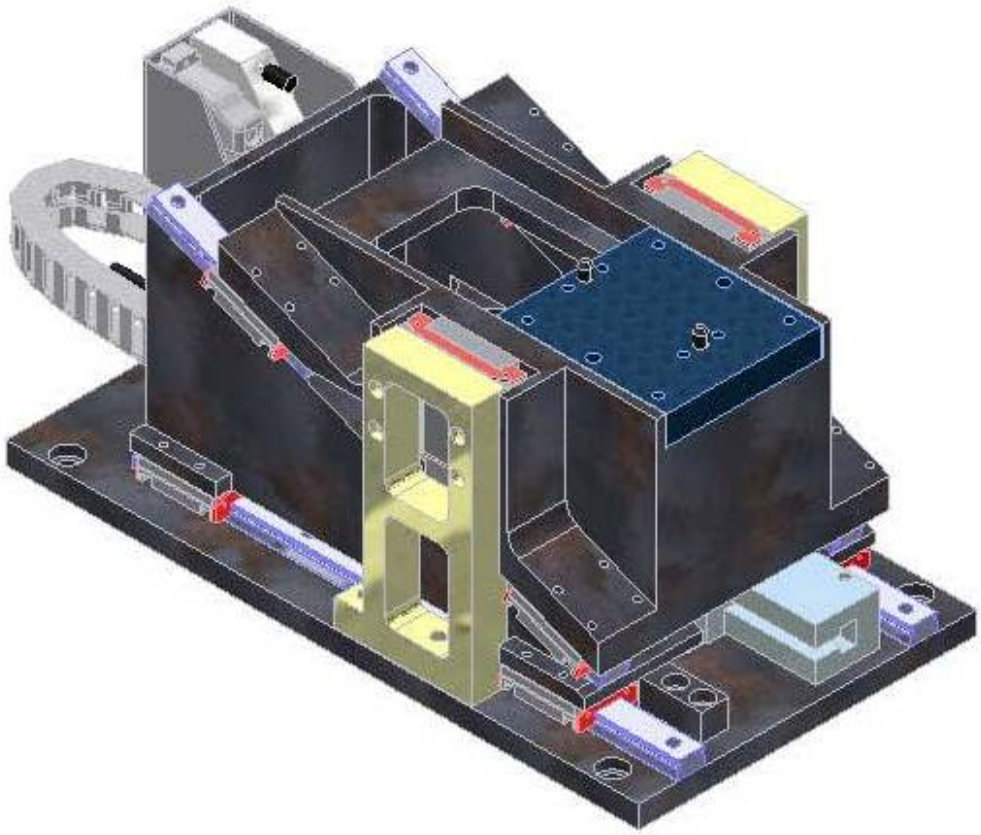
565 400 018



Travel	X = 90 mm, Y = 337 mm, Z = 20 mm
Bi-directional Repeatability	0.5 mm
Encoder	Analog 1Vpp
Accuracy	X = 5 mm, Y = 8 mm, Z = 2 mm
Flatness of Travel	X = 3 mm, Y = 10 mm, Z = 5 mm
Straightness of Travel	X = 5 mm, Y = 5 mm, Z = 5 mm
Footprint	570 mm X 600 mm

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LINEAR TECHNOLOGY

565 400 169



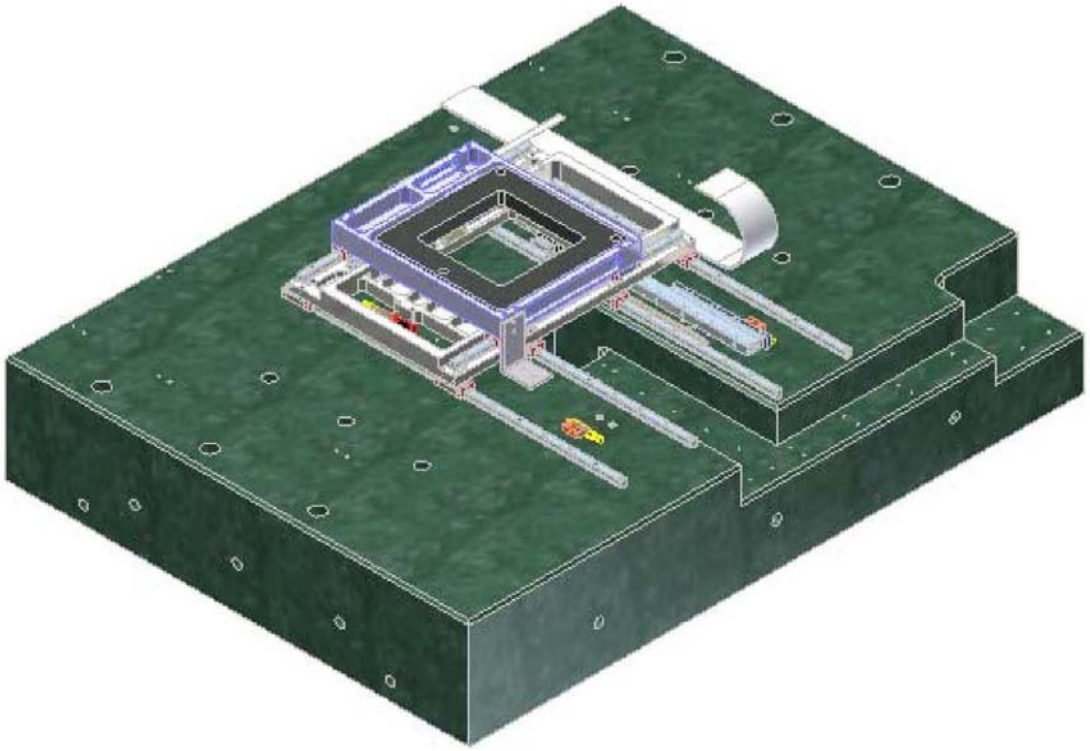
Z Travel	14 mm
Bi-directional Repeatability	0.5 mm
Encoder	Analog 1 Vpp
Accuracy	5 mm
Flatness of Travel	10 mm
Straightness of Travel	10 mm
Footprint	186 mm X 348 mm

565 400 009



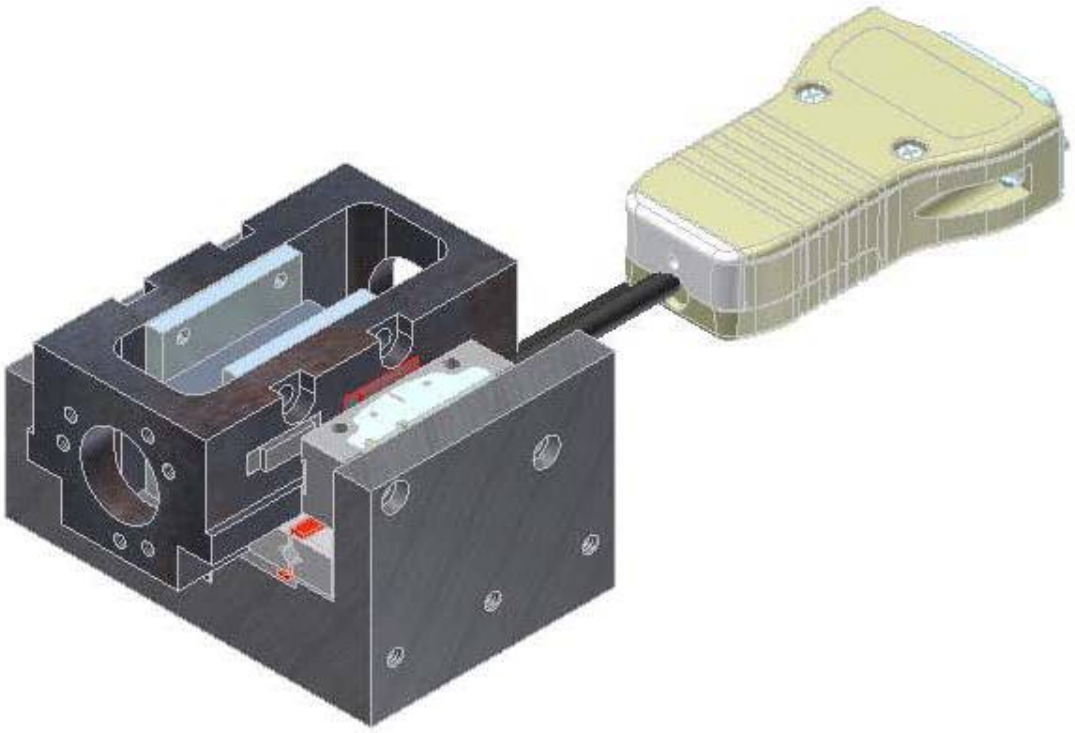
Travel	225 mm X 365 mm
Bi-directional Repeatability	N/A
Encoder	Digital 5mm
Accuracy	N/A
Flatness of Travel	X = 3 mm Y = 20 mm
Straightness of Travel	X = 4 mm Y = 4 mm
Footprint	966 mm X 458 mm

565 400 025



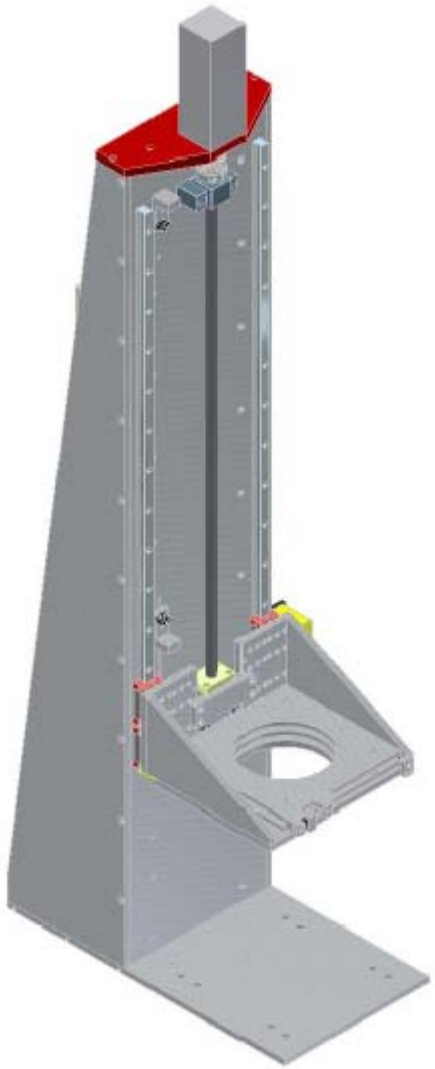
Travel	X = 187 mm Y = 357 mm
Bi-directional Repeatability	0.2 mm
Encoder	Analog 1Vpp
Accuracy	5 mm
Flatness of Travel	X = 5 mm Y = 3 mm
Straightness of Travel	X = 3 mm Y = 4 mm
Footprint	1092 mm X 1447 mm

565 200 163



Travel	10 mm
Bi-directional Repeatability	N/A
Encoder	Analog 1Vpp
Accuracy	N/A
Flatness of Travel	20 mm
Straightness of Travel	20 mm
Footprint	64 mm X 75 mm

565 400 016



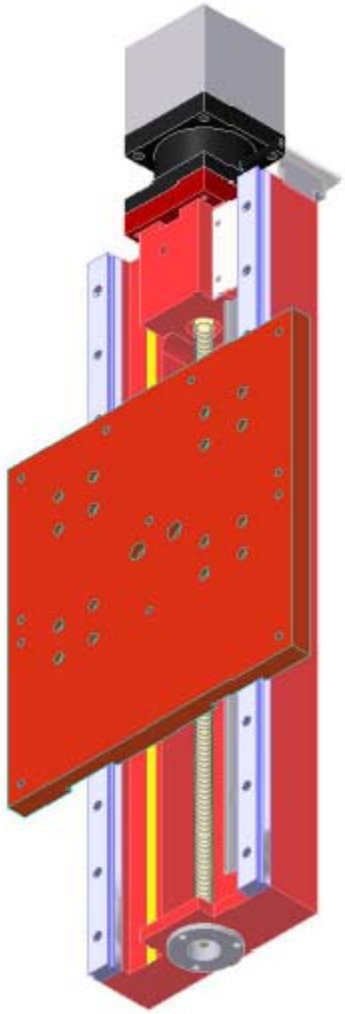
Travel	X & Y = 25 mm Z = 700 mm
Bi-directional Repeatability	20 mm
Encoder	N/A
Accuracy	200 mm
Flatness of Travel	100 mm
Straightness of Travel	50 mm
Footprint	250 mm X 476 mm

565 400 015 (Open loop)
565 400 022 (With encoder)



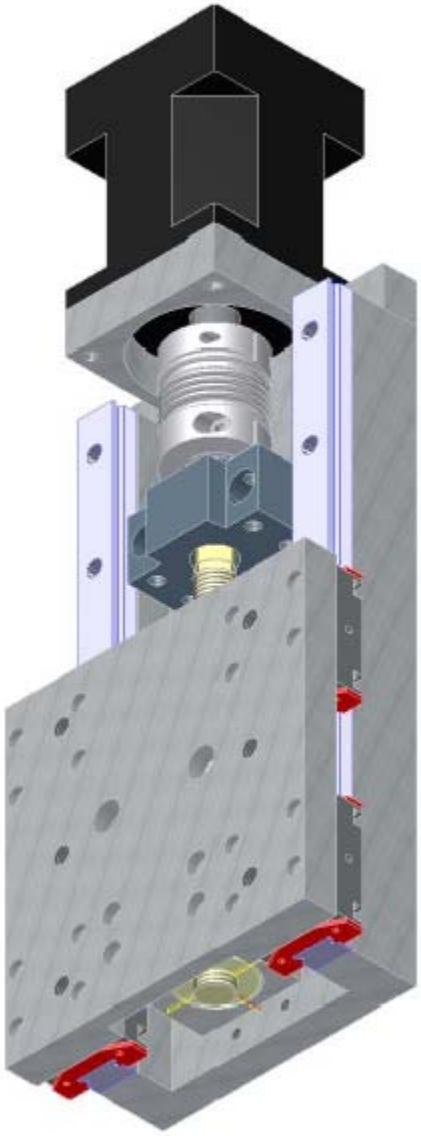
Travel	100 mm
Bi-directional Repeatability	3 mm
Encoder	open loop stepper or digital 0.1 mm
Accuracy	12 mm
Flatness of Travel	10 mm
Straightness of Travel	10 mm
Footprint	202.5 mm X 310 mm

565 400 020



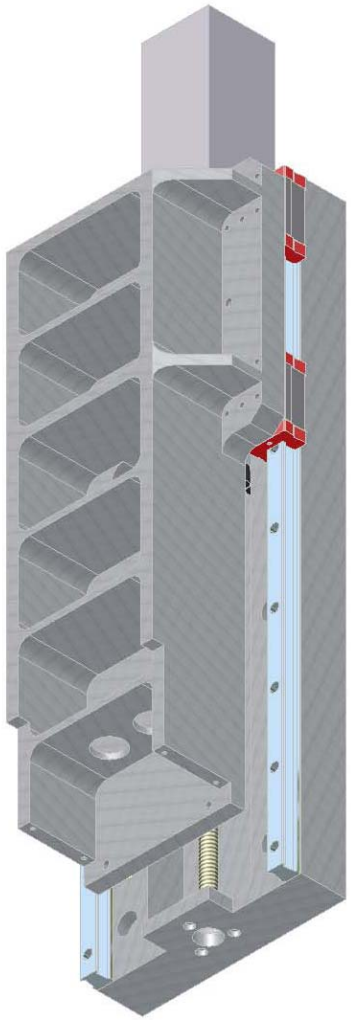
Travel	300 mm
Bi-directional Repeatability	3 mm
Encoder	Digital 0.1 mm
Accuracy	12 mm
Flatness of Travel	30 mm
Straightness of Travel	30 mm
Footprint	202.5 mm X 510 mm

565 400 024



Travel	100 mm
Bi-directional Repeatability	N/A
Encoder	N/A
Accuracy	N/A
Flatness of Travel	20 mm
Straightness of Travel	10 mm
Footprint	120 mm X 247 mm

900005885



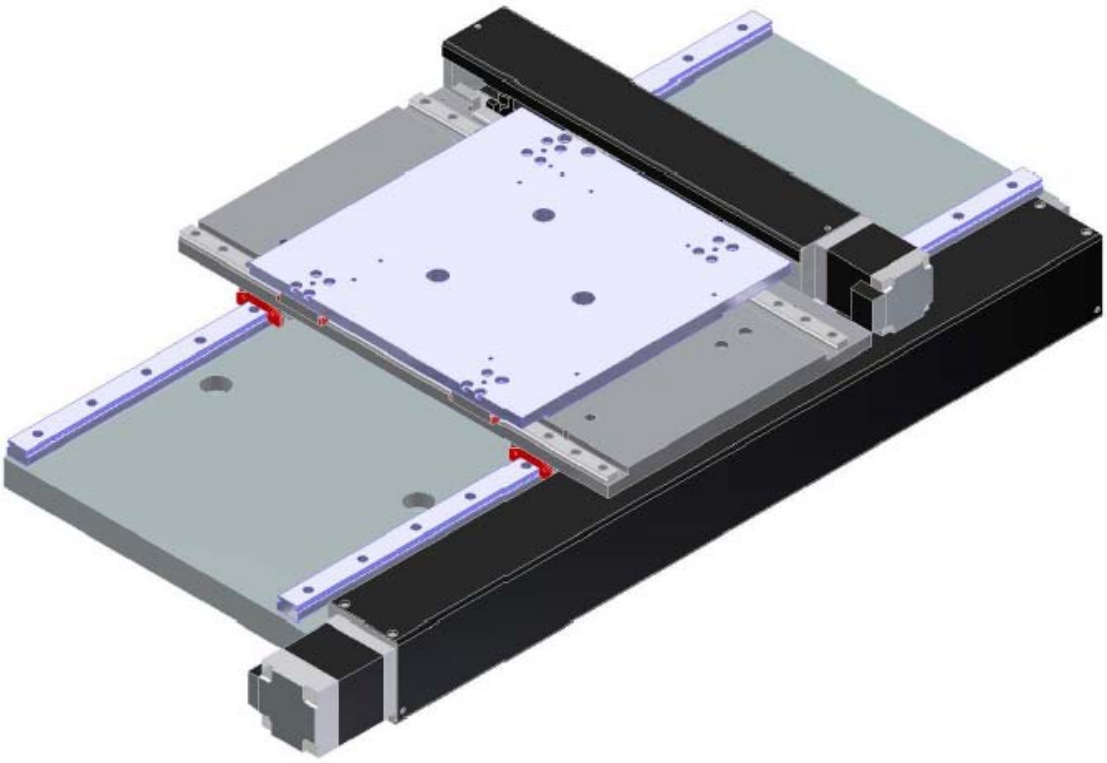
Travel	310 mm
Bi-directional Repeatability	N/A
Encoder	0.5 mm
Accuracy	N/A
Flatness of Travel	30 mm
Straightness of Travel	15 mm
Footprint	177 mm X 525 mm

565 400 014 (Open loop)
565 400 023 (With encoder)



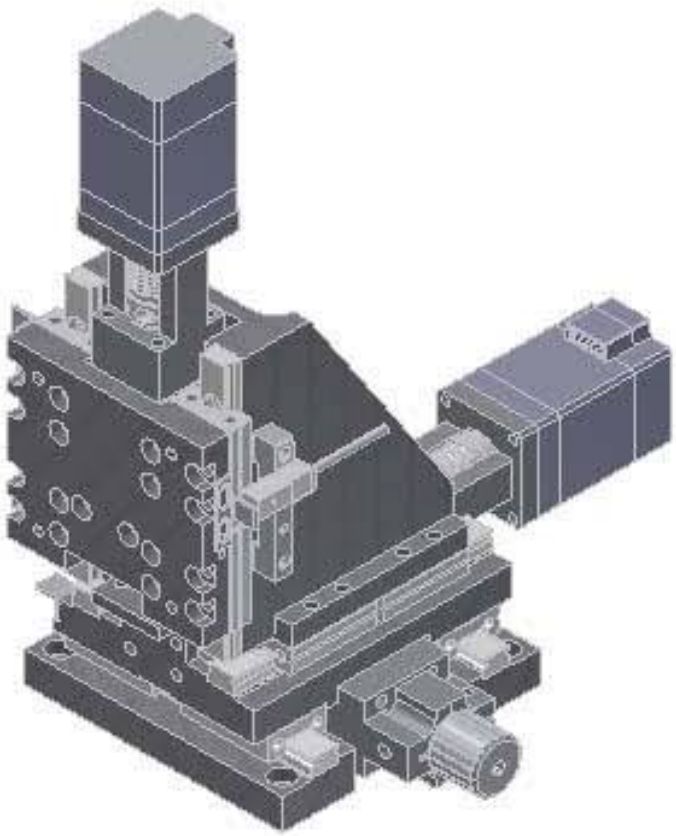
Travel	150 mm X 150 mm
Bi-directional Repeatability	10 mm
Encoder	open loop or Digital 0.1 mm
Accuracy	open loop 30 mm closed loop 10 mm
Flatness of Travel	20 mm
Straightness of Travel	5 mm
Footprint	333 mm X 350 mm

565 400 027



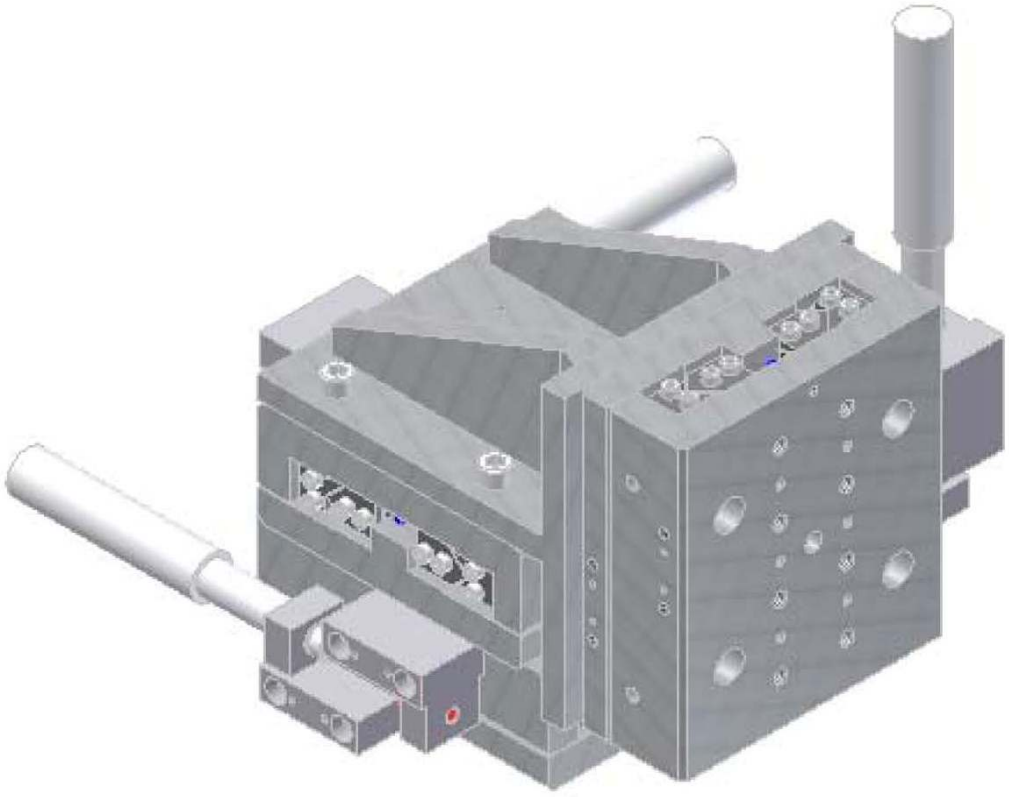
Travel	150 mm X 300 mm
Bi-directional Repeatability	10 mm
Encoder	N/A
Accuracy	30 mm
Flatness of Travel	25 mm
Straightness of Travel	10 mm
Footprint	333 mm X 601 mm

565 400 167



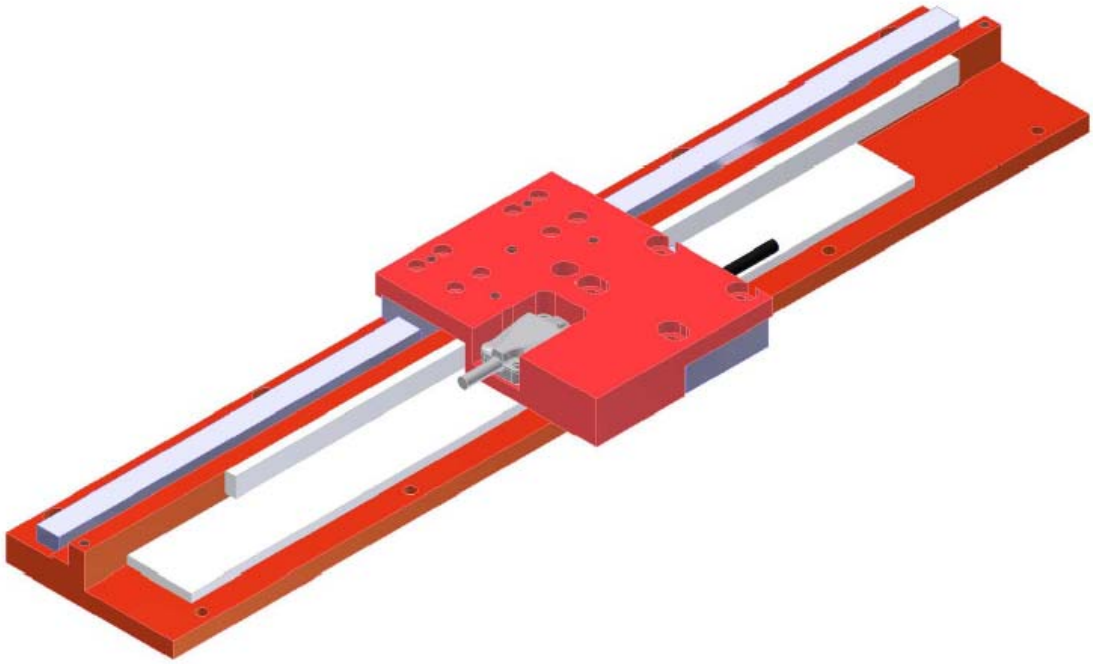
Travel	X = 18 mm Y = 22 mm Z = 25 mm
Bi-directional Repeatability	N/A
Encoder	Y & Z = 0.2mm X = manual
Accuracy	N/A
Flatness of Travel	10 mm
Straightness of Travel	10 mm
Footprint	117 mm X 178 mm

565 400 002 (XYZ)
565 400 008 (XY Only)



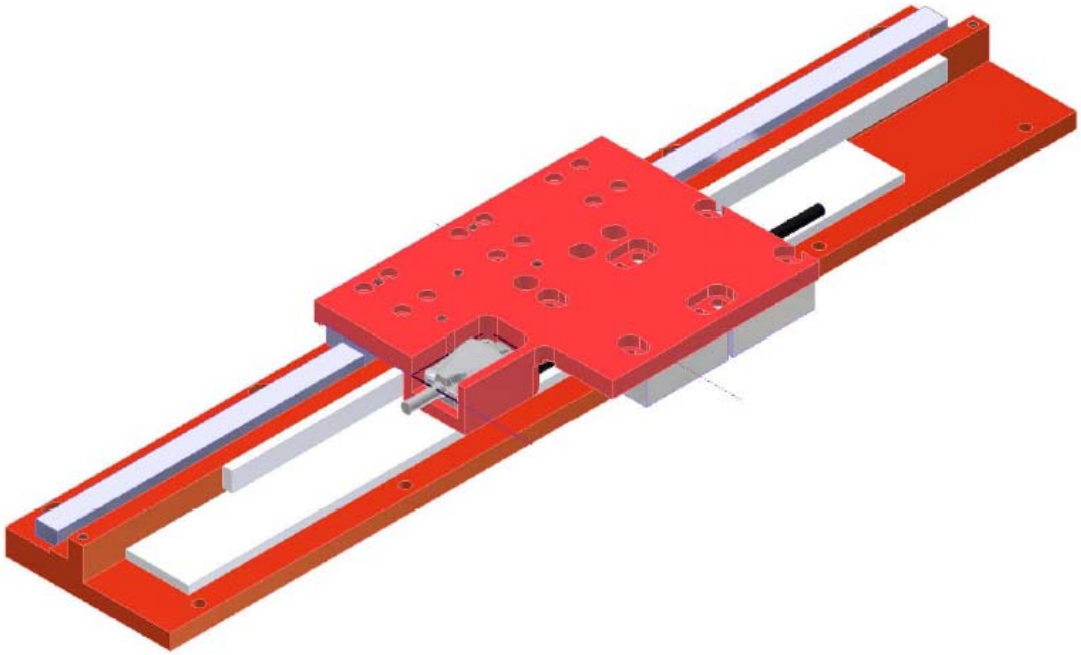
Travel	X, Y & Z = 44 mm
Bi-directional Repeatability	N/A (manual)
Encoder	N/A (manual)
Accuracy	N/A (manual)
Flatness of Travel	30 mm
Straightness of Travel	12 mm
Footprint	205 mm X 237 mm

565 400 012
(Single piezo motor)



Travel	220 mm
Bi-directional Repeatability	1 mm
Encoder	Digital 0.02 mm
Accuracy	3 mm
Flatness of Travel	4 mm
Straightness of Travel	4 mm
Footprint	69 mm X 285 mm

565 400 019
(Dual piezo motor)



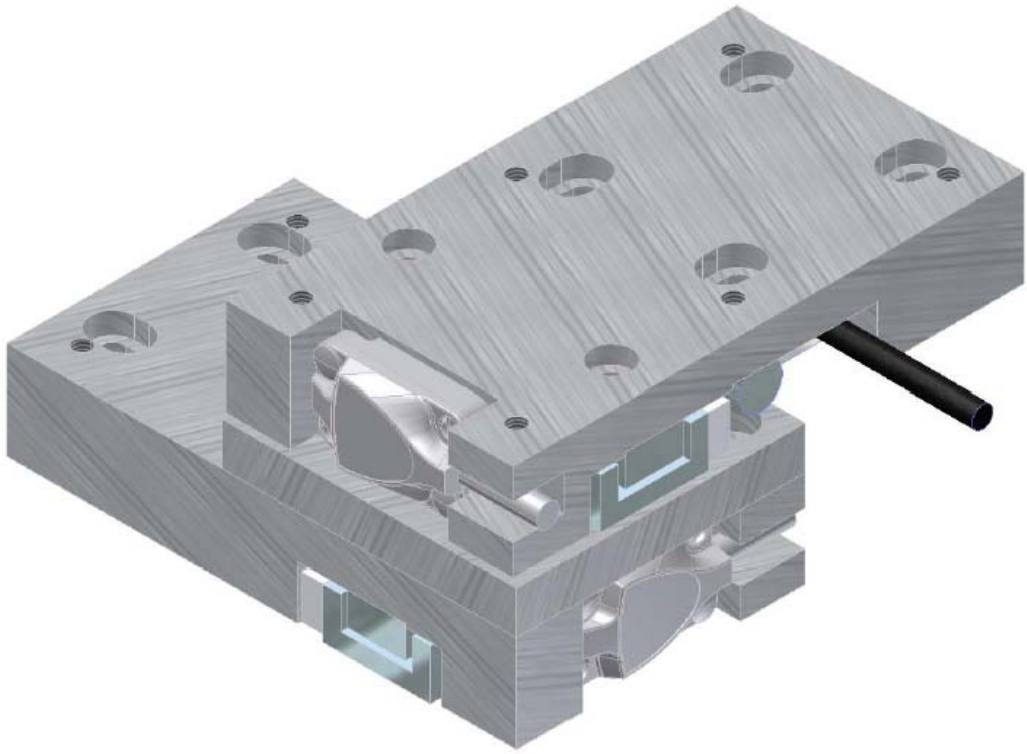
Travel	185 mm
Bi-directional Repeatability	1 mm
Encoder	Digital 0.02 mm
Accuracy	3 mm
Flatness of Travel	4 mm
Straightness of Travel	4 mm
Footprint	69 mm X 285 mm

565 400 013



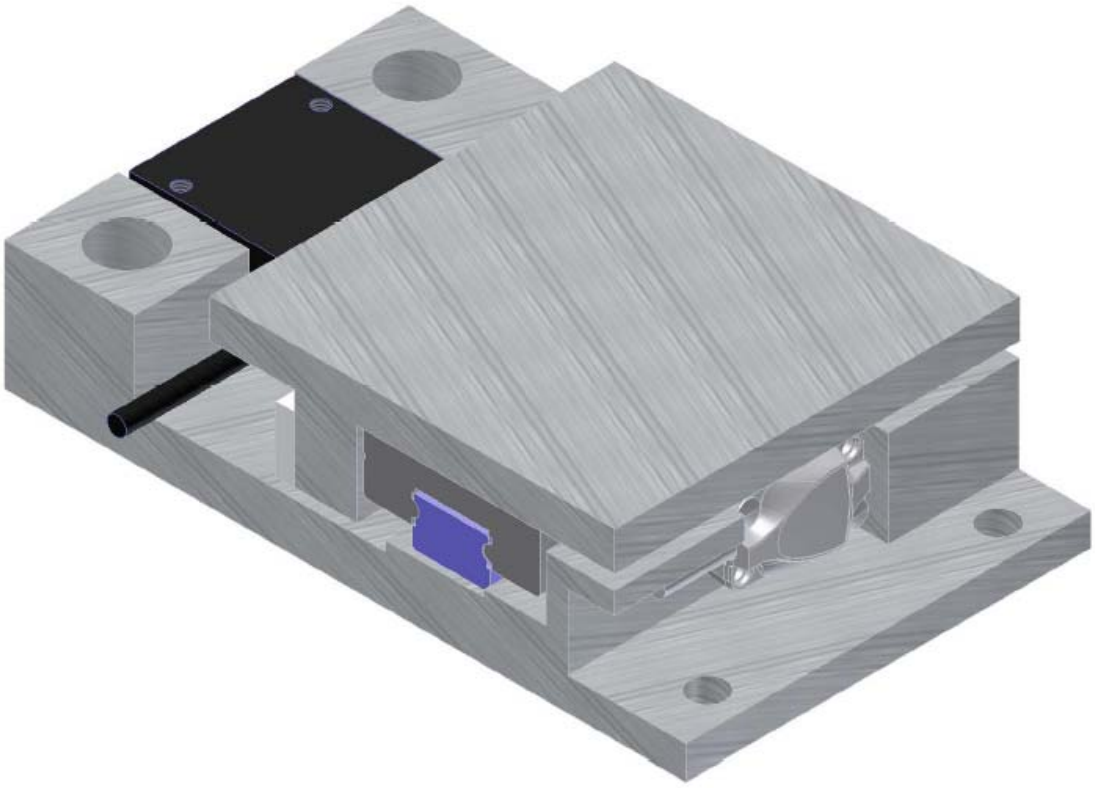
Travel	25 mm
Bi-directional Repeatability	1 mm
Encoder	Digital 0.02 mm
Accuracy	3 mm
Flatness of Travel	2 mm
Straightness of Travel	2 mm
Footprint	40 mm X 71 mm

565 400 013
XY Stack with
Adapter plate



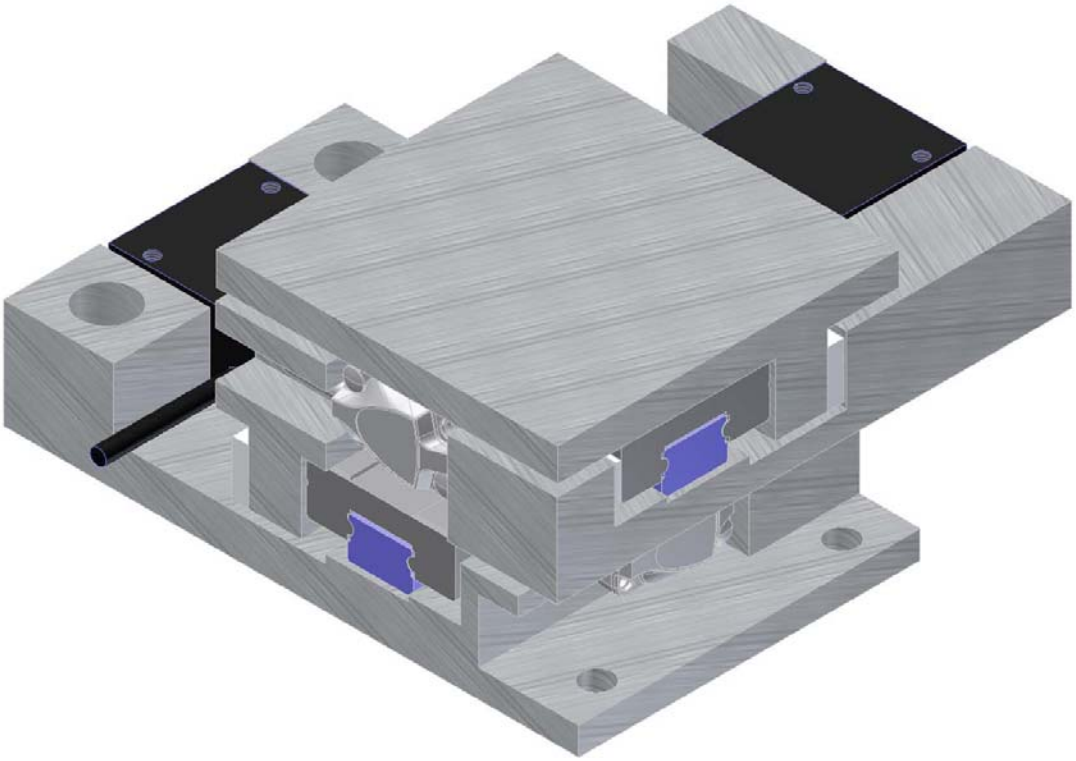
Travel	X & Y = 25 mm
Bi-directional Repeatability	1 mm
Encoder	Digital 0.02 mm
Accuracy	3 mm
Flatness of Travel	2 mm
Straightness of Travel	2 mm
Footprint	71 mm X 71 mm

565 400 174



Travel	50 mm
Bi-directional Repeatability	1 mm
Encoder	Digital 0.02 mm
Accuracy	3 mm
Flatness of Travel	4 mm
Straightness of Travel	4 mm
Footprint	62 mm X 105 mm

565 400 175
XY Stack
No Adapter Plate Required



Travel	X & Y = 50 mm
Bi-directional Repeatability	1 mm
Encoder	Digital 0.02 mm
Accuracy	3 mm
Flatness of Travel	4 mm
Straightness of Travel	4 mm
Footprint	94 mm X 105 mm

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- GEAR RACKS
- LINEAR BEARINGS and RECIRCULATING UNITS
- MINERAL CASTING SCHNEEBERGER
- MINI-X MINIRAIL / MINISCALE PLUS / MINISLIDE
- MONORAIL and AMS profiled linear guideways with integrated measuring system
- MONORAIL and AMS application catalog
- POSITIONING SYSTEMS
- SLIDES



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