



WORLDWIDE PATENTS

GENERAL CHARACTERISTICS

Electrical Requirements	-----	220-240V / 20 Amps / 1 Phase / 50/60 Hz
Pneumatic Requirements	-----	Min 6 Bars (90 PSI) / 24 cfm
Hydraulic Unit	-----	200 Bars (2,900 PSI)
Spindle Motor	-----	5 HP AC Servo
Spindle Rotation Speed	-----	5-4,500 RPM
Cutting Strategies	-----	5
Bi-Directional Cutting	-----	Yes
Targeted Spindle Speed	-----	Yes
Machine Shell with Computer Controlled Automatic Doors	-----	No
Coolant w/Fixed Collection System, Y-Axis Mount & Command Override	-----	No
Number of CNC Axes	-----	4
Numerical Controls	-----	NEWEN®
Software	-----	NEWEN®
Z-Axis, Machine Head Travel Mechanism	-----	Pantograph™ System w/Hydraulic Lock
Transmission Clutch System (for Optimal Centering)	-----	Yes
Machining Spindle Tilt (Rotation)	-----	6 Degrees
X-Axis, Auto Centering Capacity	-----	12mm (0.47")
Y-Axis, Auto Centering Capacity	-----	12mm (0.47")
Y'-Axis, Machine Parallels	-----	Linear Ways x2, Pneumatic Lock/Unlocking
Warranty Against Manufacturing Defects (As Per General Conditions of Sales)	----	1 Year
Training	-----	Inquire with your Local Distributor

CAPACITY

X-Axis, Machine Head Travel (Max Dist from Guide to Guide W/out Moving Cyl Head)	----	1,320mm (51.97")
Y-Axis, Machine Head Travel	-----	80mm (3.15")
Z-Axis, Machine Head Travel	-----	327mm (12.87")
Y'-Axis, Machine Parallels Travel	-----	340mm (13.39")
Z'-Axis, Spindle Sheath Travel	-----	95mm (3.74")
X-Axis, Carriage Travel	-----	19mm (0.748")
Maximum Profile Length (Profile ID to Profile OD)	-----	38mm (1.496")
Maximum Profile Length (Z Axis)	-----	90mm (3.54")
Valve Seat Machining Capacity (Based on Available Tip Holders)	-----	13.5mm-200mm+ (0.532"-7.874"+)
Valve Guide Reaming Capacity	-----	Max Dia 16mm, L90mm (3.54") + w/Option
Combination Valve Guide Reaming/Valve Seat Machining	-----	Yes

PC SPECIFICATIONS

Display Size (Touch Screen)	-----	15"
Network Card	-----	Yes
Floppy Drive	-----	Yes
CD Drive	-----	Yes
USB port	-----	Yes
Operating System	-----	Windows® XP Pro

PROGRAMS

Contour™ (Optimized Single Point Valve Seat Machining)	-----	Yes
Guide (Optimized Valve Guide Reaming)	-----	Yes

CYLINDER HEAD CAPACITY

Maximum Height (Based on 210mm Length Pilot)	-----	400mm/810mm (15.75"/31.89")
Maximum Length	-----	Unlimited
Maximum Width	-----	Unlimited

MACHINE DIMENSIONS

Maximum Machine Height	-----	2,300mm (90.55")
Maximum Machine Width	-----	2,500mm (98.43")
Maximum Machine Depth	-----	2,215mm (87.21")
Footprint (Width x Depth)	-----	2,500mm x 1,690mm (98.43" x 66.54")
Net Weight	-----	1750 Kg (3858 Lbs)

CRATE DIMENSIONS

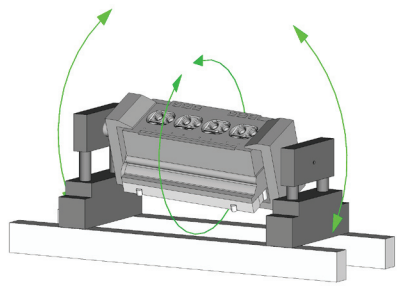
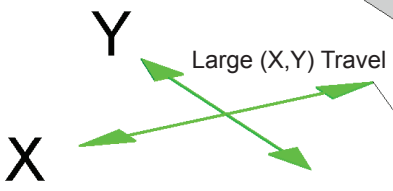
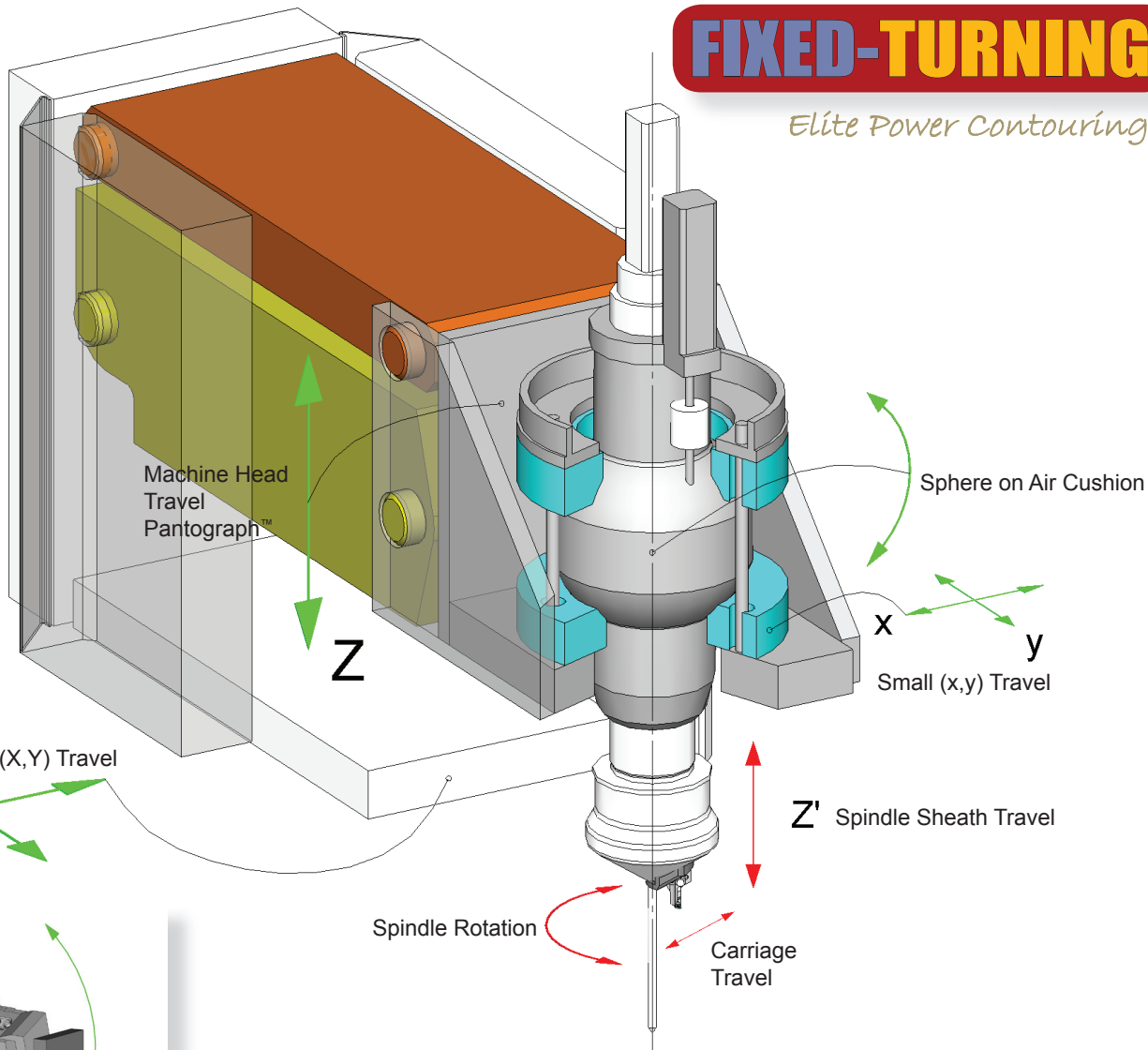
Height ↓	-----	2,300mm (90.55")
Width ↔	-----	2,320mm (91.34")
Depth ↗↘	-----	1,800mm (70.87")
Gross Weight	-----	2050 Kg (4519 Lbs)

EPOC-XL™ SPECIFICATIONS

FIXED-TURNING®

Elite Power Contouring™

- All NEWEN®
FIXED-TURNING®
Machines Feature:
- Thermal Dynamic Compensation
 - ARDC™, Automatic Repetitive Depth Control
 - HEPTAX™ Spindle
 - Venturi Profile Ability
 - Dynamically Balanced Spindle
 - Pressurized Machine Head (Spindle)



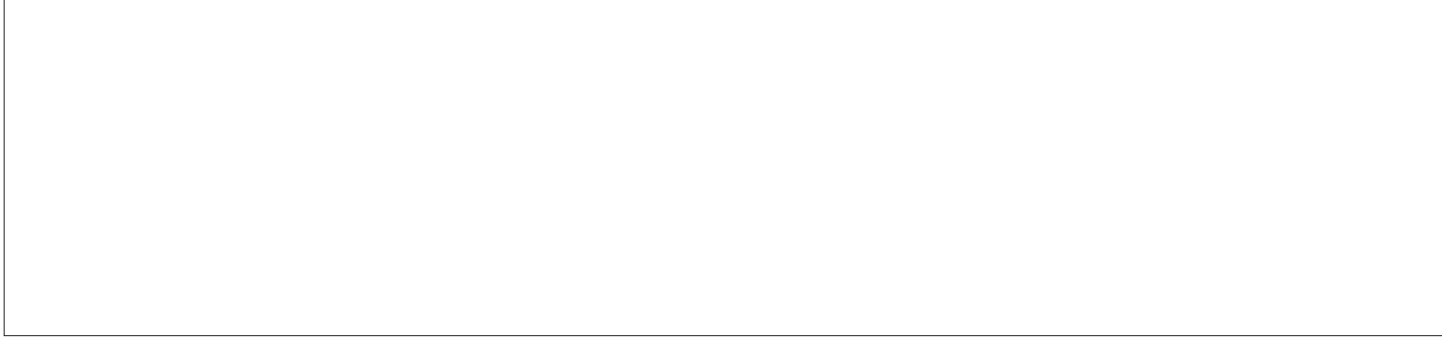
SGC200M (option)
Palletizable™, double-angle,
360° rolover clamping fixture.

■ Assisted Travel
■ Numerically Controlled Travel



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