

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	-----	Yes
Number of CNC Axes (See Reverse)	-----	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 X 3, Automatic Locking System
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	-----	148mm (5.83")
Z'-Axis, Spindle Sheath Travel	-----	95mm (3.74")
X-Axis, Carriage Travel	-----	16.45mm (0.648")
Maximum Profile Length (Profile ID to Profile OD)	-----	32.90mm (1.295")
Maximum Profile Length (Z Axis)	-----	90mm (3.54")
Valve Seat Machining Capacity (Based on Available Tip Holders)	-----	13.50mm-110.00+mm (0.532-4.33+")
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)	-----	380mm (14.96")
Maximum Length	-----	1890mm (74.41")
Maximum Width	-----	Approx 500mm (19.69")

MACHINE DIMENSIONS

Maximum Machine Height	-----	2,310mm (90.94")
Maximum Machine Width	-----	3,626mm (142.76")
Maximum Machine Depth	-----	1,635mm (64.37")
Footprint (Width x Depth)	-----	3,626mm x 1,635mm (142.76" x 64.37")
Net Weight	-----	1625 Kg (3583 Lbs)

CRATE DIMENSIONS

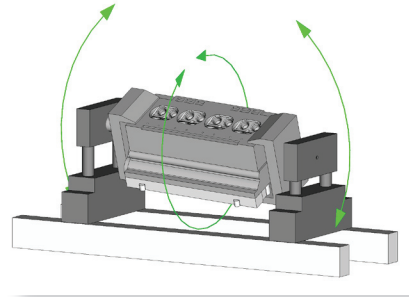
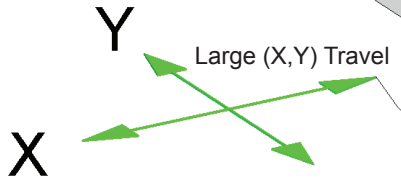
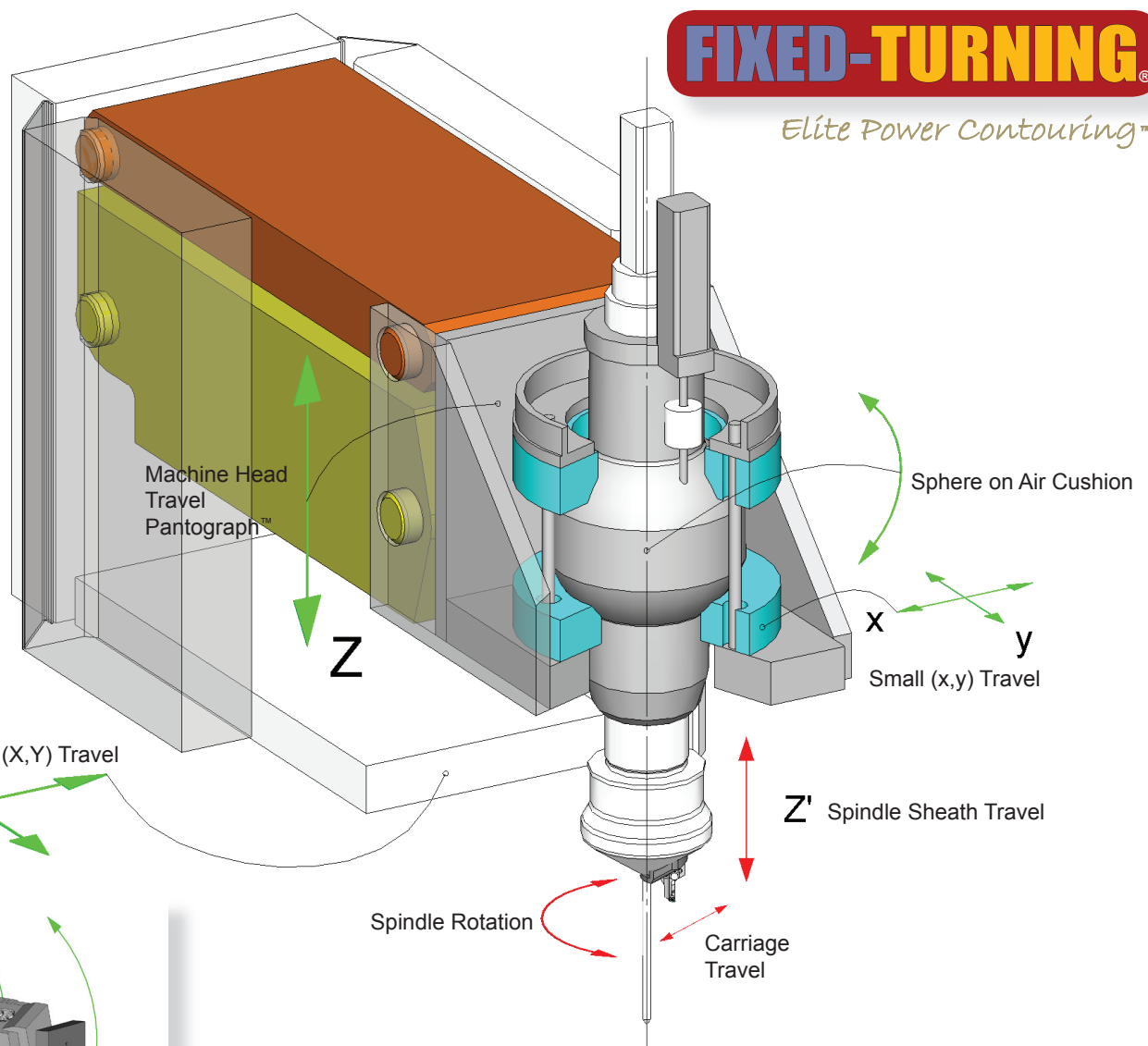
Height ↓	-----	2,240mm (88.19")
Width ↔	-----	2,435mm (96")
Depth ↗↘	-----	1,426mm (56")
Gross Weight	-----	1810 Kg (3982 Lbs)

EPROCES™ 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° rollover clamping fixture.



NEWEN • USA • Tel: +1-760-233-0067 • Toll Free (USA & Canada): 1-800-639-3693 • Fax: +1-760-233-0068
NEWEN • FRANCE • Tel: +33 (0)4-50-25-87-82 • Fax: +33 (0)4-50-97-64-93
Fixed-Turning@newen.com • www.newen.com

YOUR DISTRIBUTOR:

Ref:EPOCC-S-FS08-EN

NEWEN® reserves the right to change or revise specifications or product design in connection with any feature of its products contained herein. Such changes do not entitle the buyer to corresponding changes, improvements, additions or replacement of equipment, supplies or accessories previously sold. Information contained herein is considered to be accurate based on information available at the time of printing. Should any discrepancy of information arise, NEWEN® recommends that user verify the discrepancy with NEWEN®. Copyright © 2008 NEWEN®, All Rights Reserved. Property of NEWEN®. Reproduction, Partial or Complete, Strictly Prohibited.