



WORLDWIDE PATENTS

GENERAL CHARACTERISTICS

Electrical Requirements	220-240V / 20 Amps / 3 Phase / 50/60 Hz
Pneumatic Requirements	Min 6 Bars (90 PSI) / 24 cfm
Hydraulic Unit	200 Bars (2,900 PSI) with Accumulator
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	Yes
Coolant w/Fixed Collection System, Y-Axis Mount & Command Override	Yes
Number of CNC Axes	6 to 10 (with C1 to C4 Option)
Numerical Controls	NEWEN®
Software	NEWEN®
Z-Axis, Machine Head Travel Mechanism	Linear Ways with Pneumatic 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	Mechanical, Hydraulic unlocking
Warranty Against Manufacturing Defects (As Per General Conditions of Sales)	1 Year
Training	Inquire with your Local Distributor

RCC™ - Search of the Center of the Valve Guide within +/-2mm of its Theoretical Position and Angle----- Yes

CAPACITY

X-Axis, Machine Head Travel	1,260mm (49.61")
Y-Axis, Machine Head Travel	120mm (4.72")
Z-Axis, Machine Head Travel	320mm (12.60")
Y'-Axis, Machine Parallels Travel	136mm (5.35")
Z'-Axis, Spindle Sheath Travel	95mm (3.74")
X-Axis, Carriage Travel	16mm (0.630")
Maximum Profile Length (Profile ID to Profile OD)	32mm (1.260")
Maximum Profile Length (Z Axis)	90mm (3.54")
Valve Seat Machining Capacity (Based on Available Tip Holders)	14mm-100mm (0.531"-3.937")
Valve Guide Reaming Capacity	90mm (3.54")
Combination Valve Guide Reaming/Valve Seat Machining	Yes

PC SPECIFICATIONS

Display Size	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)	350mm (13.78")
Maximum Width	Unlimited
Maximum Depth	Approx 500mm (19.69")

MACHINE DIMENSIONS

Maximum Machine Height	2,320mm (91.34")
Maximum Machine Width	4,370mm (172.05")
Maximum Machine Depth	2,145mm (84.45")
Footprint (Width x Depth)	4,370mm x 2,145mm (172.05" x 84.45")
Net Weight	2580 Kg (5688 Lbs)

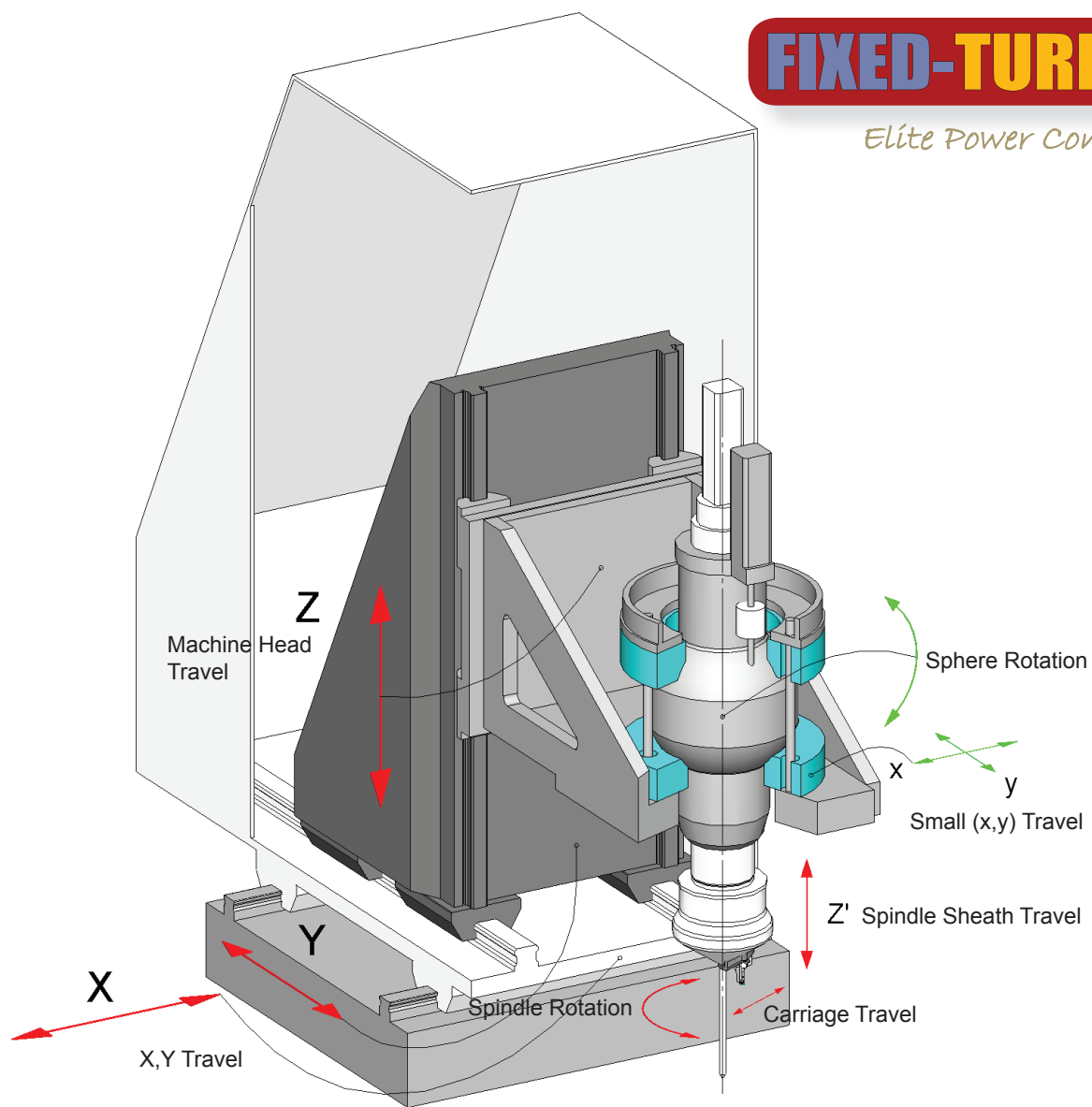
CRATE DIMENSIONS

Height ↓	2,520mm (99.21")
Width ↔	4,100mm (161.42")
Depth ↗↘	1,760mm (69.29")
Gross Weight	2880 Kg (6349 Lbs)

NEG-RCC™ SPECIFICATIONS

FIXED-TURNING®

Elite Power Contouring™



■ RCC™ Controlled Travel
■ Numerically Controlled Travel



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:

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.

Ref:NC6-RCC-FS08-EN