

CONTOUR-BB-CONTROLS
 SPECIFICATIONS

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	1.5 KW Asynchronous AC
Spindle Rotation Speed	120-3,000 RPM
Cutting Strategies	2
Bi-Directional Cutting	No
Targeted Spindle Speed	No
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)	2
Numerical Controls	NEWEN®
Software	NEWEN®
Z-Axis, Machine Head Travel Mechanism	Linear Ways with Pneumatic Lock
Transmission Clutch System	No
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 2, 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)	760mm (29.92")
Y-Axis, Machine Head Travel	60mm (2.36")
Z-Axis, Machine Head Travel	250mm (9.84")
Y'-Axis, Machine Parallels Travel	69mm (2.72")
Z'-Axis, Spindle Sheath Travel	80mm (3.15")
X-Axis, Carriage Travel	11mm (0.433")
Maximum Profile Length (Profile ID to Profile OD)	22mm (0.866")
Maximum Profile Length (Z Axis)	75mm (2.96")
Valve Seat Machining Capacity (Based on Available Tip Holders)	13.50mm-80.00+mm (0.532-3.15+")
Valve Guide Reaming Capacity	Max Dia 12mm (.472"), L65mm (2.56")
Combination Valve Guide Reaming/Valve Seat Machining	Yes (Overall Profile Length Limitations)

PC SPECIFICATIONS

Display Size (Touch Screen)	12"
Network Card	Yes
Floppy Drive	No
CD Drive	No
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)	315mm (12.40")
Maximum Length	1020mm (40.16")
Maximum Width	Approx 450mm (17.72")

MACHINE DIMENSIONS

Maximum Machine Height	2,205mm (86.81")
Maximum Machine Width	2,346mm (92.36")
Maximum Machine Depth	1,460mm (57.48")
Footprint (Width x Depth)	1,642mm x 1,460mm (64.65" x 57.48")
Net Weight	1000 Kg (2205 Lbs)

CRATE DIMENSIONS

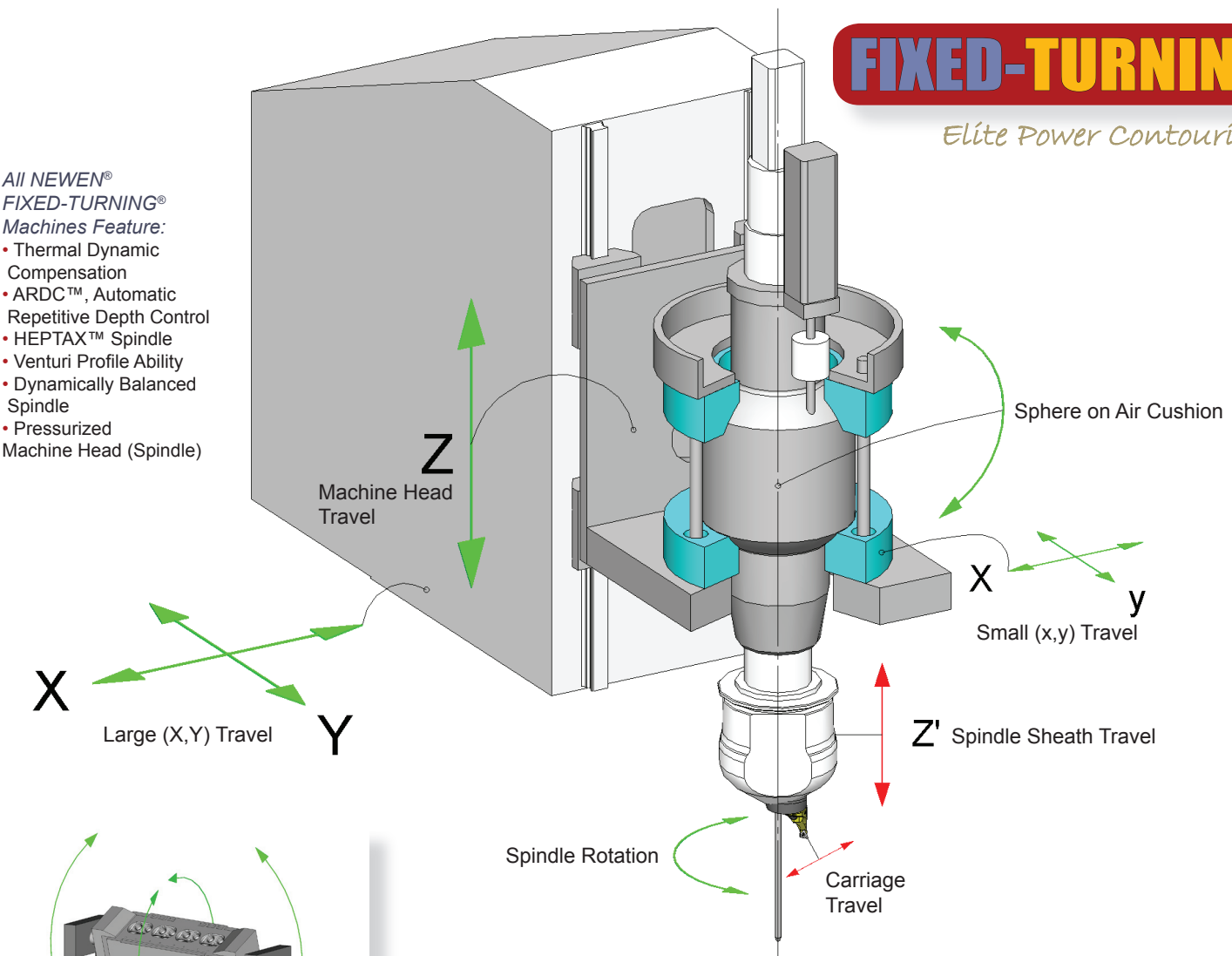
Height ↓	2,100mm (83")
Width ↔	1,575mm (62")
Depth ↙↘	1,220mm (48")
Gross Weight	1075 Kg (2370 Lbs)

FIXED-TURNING®

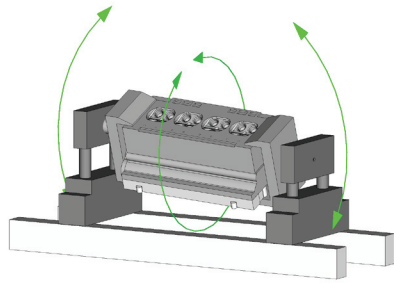
Elite Power Contouring™

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®

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YOUR DISTRIBUTOR:

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