



CONTOUR-BB™ SPECIFICATIONS



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
Dual Direction Machining Software	-----	Option
Adjustable and Retractable Z-Axis Stop	-----	Option
Targeted Spindle Speed	-----	No
Machine Shell with Computer Controlled Automatic Doors	-----	No
Coolant w/Fixed Collection System, Y-Axis Mount & Command Override	-----	No
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, Mechanical Lock
Low-Voltage Multi-Point Lighting (Cold Light)	-----	Yes
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	-----	200mm (7.87")
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-100mm+ (0.532-3.94")
Valve Guide Reaming Capacity	-----	Max Dia 12mm (.472"), L 65mm (2.56")
Combination Valve Guide Reaming/Valve Seat Machining	-----	Yes (Overall Profile Length Limitations)

PC SPECIFICATIONS

Display Size (Touch Screen)	-----	15"
Network Card	-----	Yes
CD Drive	-----	No
USB port	-----	Yes
Operating System	-----	Windows® 7 Pro -English

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	-----	Unlimited
Maximum Width	-----	Approx 450mm (17.72")

MACHINE DIMENSIONS

Maximum Machine Height	-----	2,205mm (86.81")
Maximum Machine Width	-----	1,460mm (57.48")
Maximum Machine Depth	-----	1,327mm (52.24")
Footprint (Width x Depth)	-----	1,460mm x 1,327mm (57.48" x 52.24")
Net Weight	-----	750 Kg (1,653 Lbs)

CRATE DIMENSIONS

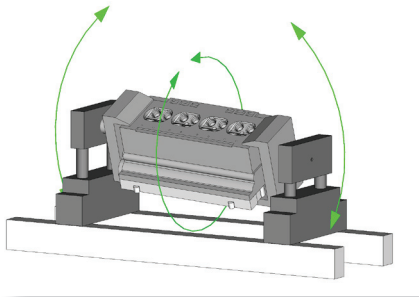
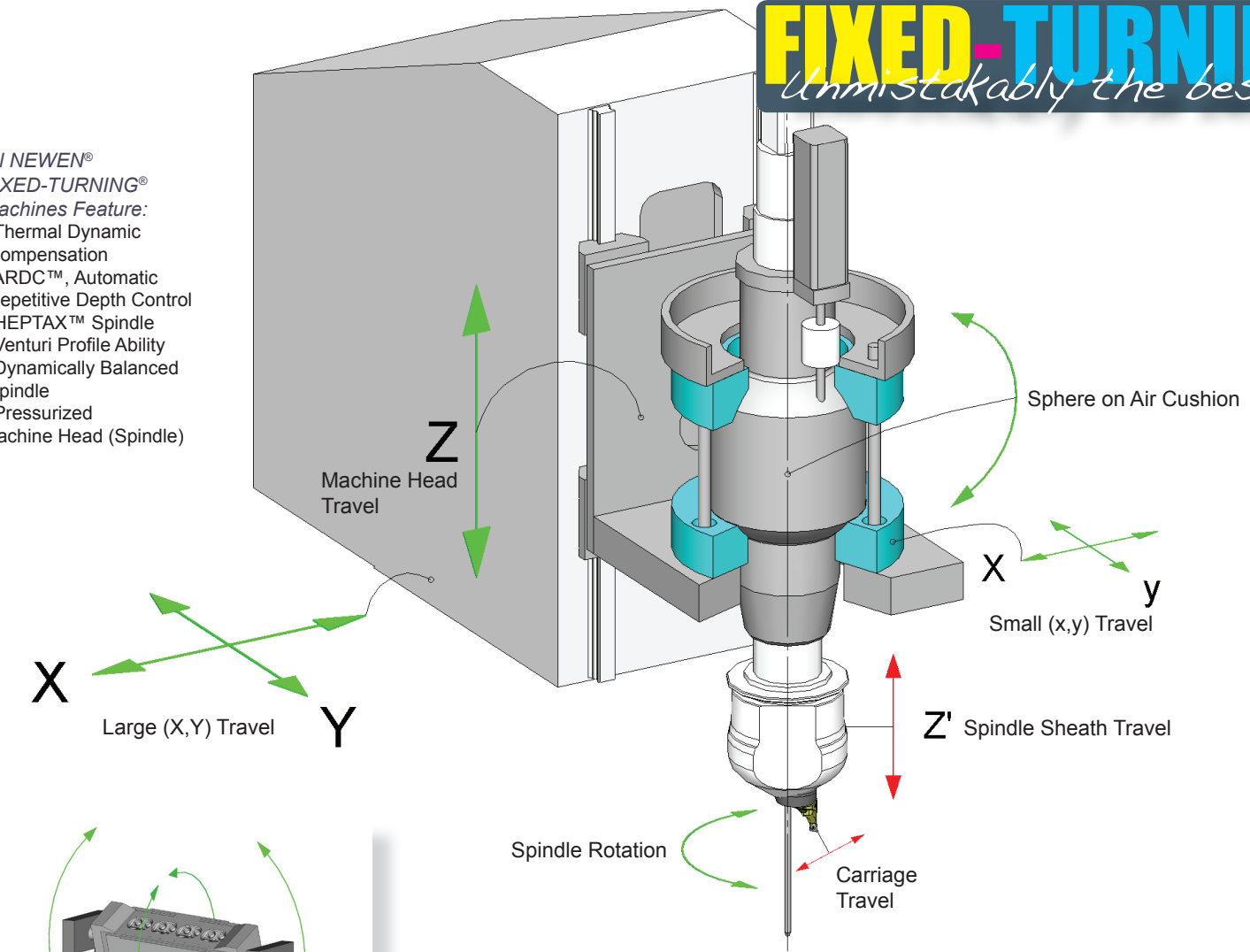
Height ↑	-----	2,100mm (82.68")
Width ↔	-----	1,230mm (48.43")
Depth ↗↘	-----	1,130mm (44.49")
Gross Weight	-----	980 Kg (2,160 Lbs)



FIXED-TURNING

Unmistakably the best!

- 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.



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YOUR AUTHORIZED AGENT:

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