



NEWEN
 WORLDWIDE PATENTS
CONTOUR-GS™
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
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 X3, 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)	-----	1240mm (48.82")
Y-Axis, Machine Head Travel	-----	70mm (2.75")
Z-Axis, Machine Head Travel	-----	250mm (9.84")
Y'-Axis, Machine Parallels Travel	-----	120mm (4.72")
Z'-Axis, Spindle Sheath Travel	-----	75mm (2.95")
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	-----	1650mm (64.96")
Maximum Width	-----	Approx 450mm (17.72")

MACHINE DIMENSIONS

Maximum Machine Height	-----	2,205mm (86.81")
Maximum Machine Width	-----	3,165mm (124.61")
Maximum Machine Depth	-----	1,565mm (61.61")
Footprint (Width x Depth)	-----	2,158mm x 1,565mm (84.96" x 61.61")
Net Weight	-----	1350 Kg (2,980 Lbs)

CRATE DIMENSIONS

Height ↓	-----	2,145mm (84.45")
Width ↔	-----	2,185mm (86.02")
Depth ↗↘	-----	1,312mm (51.57")
Gross Weight	-----	1750Kg (3858Lbs)

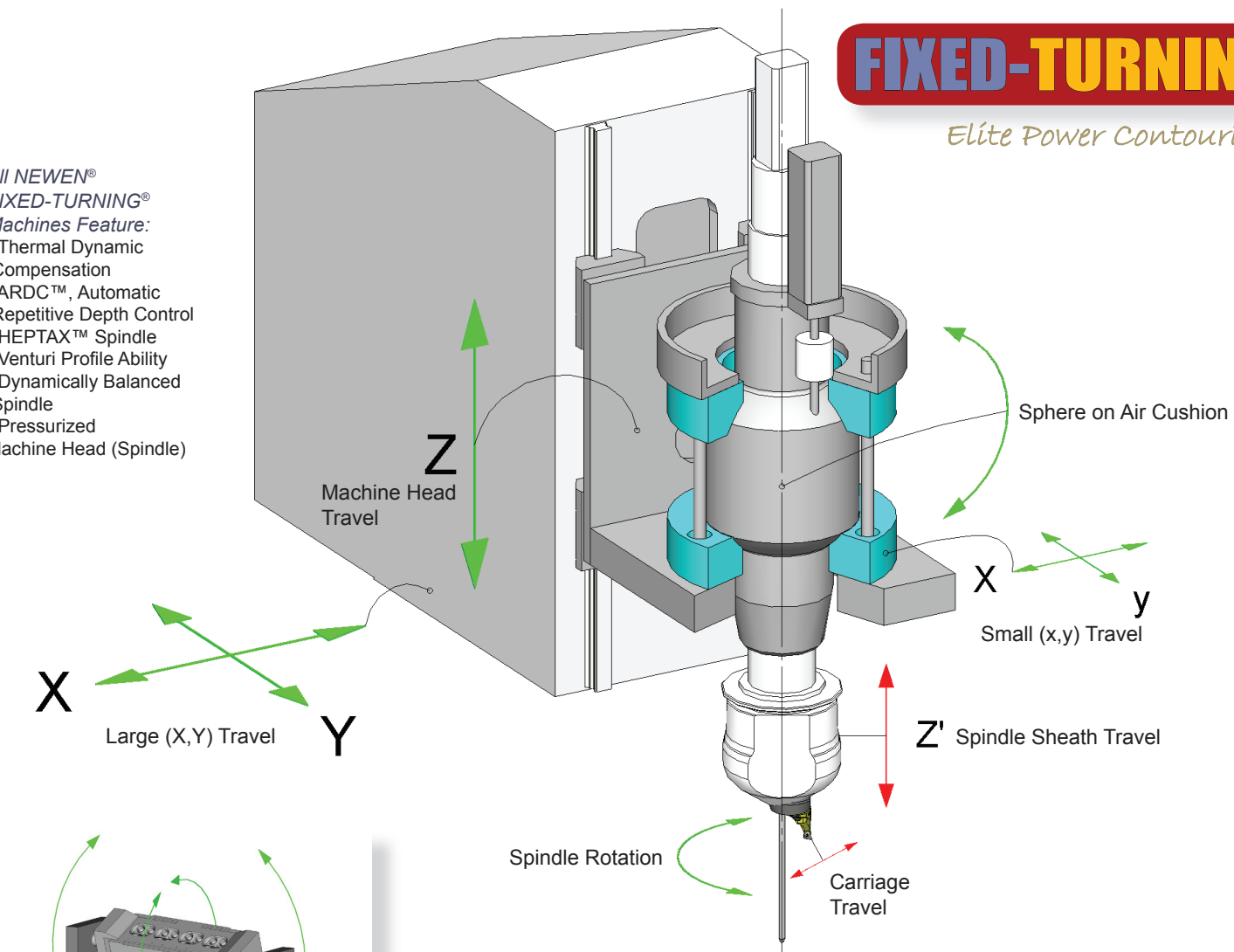
FIXED-TURNING®

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.

■ Assisted Travel
■ Numerically Controlled Travel

NEWEN®

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: