

EZ SURF II



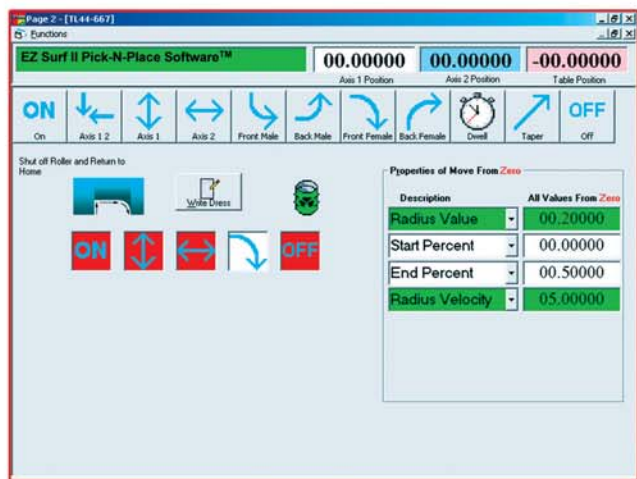
- **Precision Programmable Table Positioning**
- **Variable Speed Spindle**
- **Hand Scraped Ways**



Harig CNC EZ Surf II 3 Axis Programmable Grinder
(6" x 18" machine, shown with Optional Enclosure)

American Made

- Three Axis, PC-based programmable control with DRO
- Manual mode or Fully Automatic mode.
- Integral 2-diamond wheel dresser with automatic wheel-size compensation.
- Continuous FLO-CLEAN Lubrication System provides continuous flow of oil to ways, bearings and lead screws.
- Direct Drive 3" Dia. Spindle, Class 7 Precision Preloaded Ball Bearings with Dynamically Balanced 2.0 HP Continuous-Duty High Performance Motor.
- Stainless steel screws throughout, including wheel guard hardware and threads.
- One-piece, 30,000 PSI graphic iron cast column, heavily ribbed to resist deflection under load.
- Financing and leasing readily available.



The EZ Surf II Pick 'n Place software makes programming fast and easy. Drag and drop your moves, enter your values, and Grind. It's that EZ!



www.harigproducts.com

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HARIG® 618 EZ SURF II Specifications

Range

Table Travel (X - axis)	20 in. (508 mm)
Crossfeed Travel (Z-axis)	6.75 in. (171mm) w/Encl.: 6.2 in. (158 mm)
Vertical working height (Y-axis) (under 7" wheel)	12 in. (305 mm)
Grinding wheel maximum capacity	8 x 1-1/4 x 1-1/4 in. (203 x 32 x 6.4 mm)

Table

Platen work area	6 x 18 in. (152 x 457 mm)
T-Slot	Center
Longitudinal Speed	1/4 IPM to 50 fpm (.0064mm/min. to 21.3 m/min.)
Position above floor	43 in. (1085 mm)
Motor rating	2 HP; Optional 3 HP
Speed	Variable Speed, 500-5,000 RPM
Duty	Continuous

Machine & Control Performance

Position accuracy Axis 1 & 2	± 0.00005 in. (0.00127 mm)
Position accuracy Axis 3	± 0.001 in. / in (± 0.0254 mm)
Position repeatability Y, Z	± 0.00005 in. (0.00127 mm)
Input resolution	0.00001 in. (0.00254 mm)

Control System

CNC Logic System	Pick -N- Place
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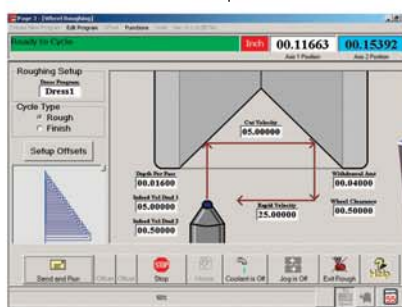
Control Features

Storage Capacity	40 GB Hard Drive
System	3 Axis Linear & Circular Interpolation
Coordinate Input	Absolute / Incremental
Display	15" Color Flat Panel Display

Space & Weight *

Floor area operating surface	70" x 65" (1778 x 1651)
Net Weight of Machine	1785 lbs..(819 Kg)
Weight, Domestic Crated	2275 lbs. (1032 Kg)
Weight, Export Boxed	2275 lbs. (1032 Kg)
Export Box Dimensions	80 x 55 x 45 in (2 x 1.4 x 1.1 meters)

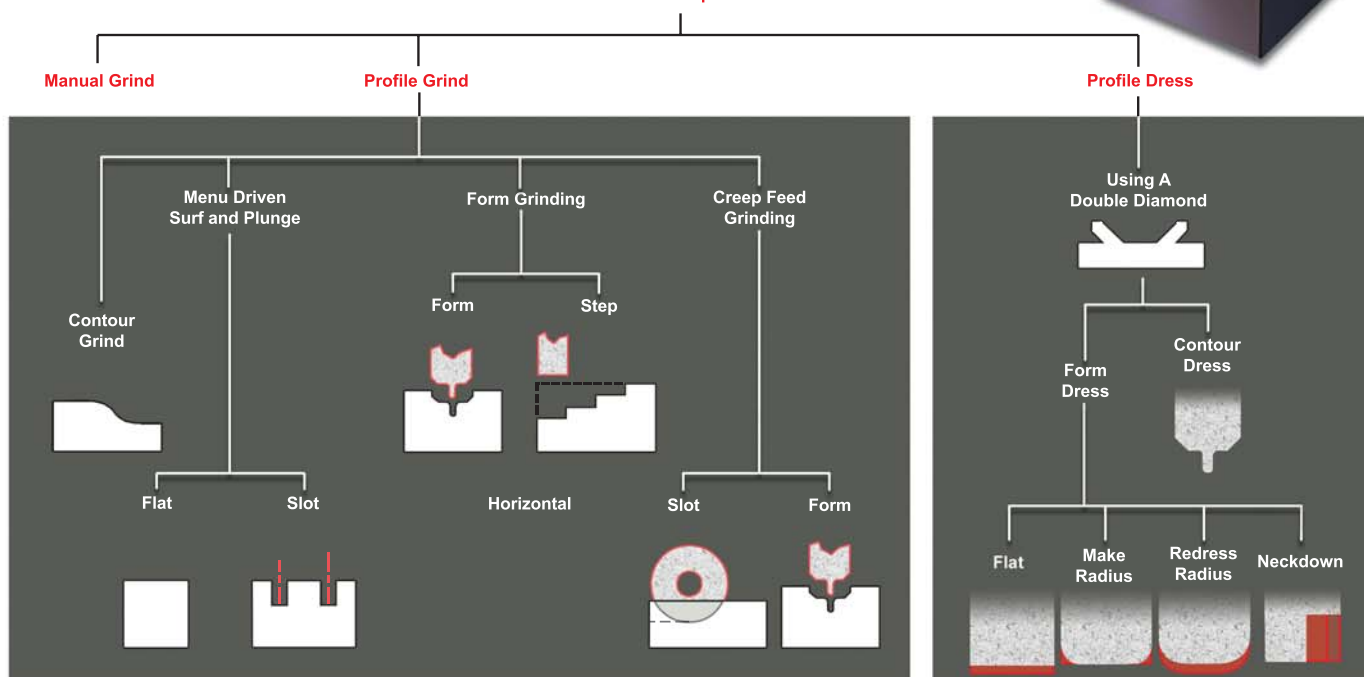
*All dimensions are without optional enclosure.



The Wheel Dress module makes creating custom form wheels fast and easy.



EZ SURF II Capabilities



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Safety Notice: Harig Products, Inc. provides protective devices for the safe use of this equipment. Operation of this equipment may cause injury if the protective devices are removed. A comprehensive safety manual is provided with all machines offered by Harig Products, Inc. and recommended safe operating procedures must be adhered to.