



ADVANCEDSUPERABRASIVES®

WHY PAY A “little more” FOR AN ASI “TruDress”?

Here’s 31 Great Reasons

New for 2017 - Our 2 inch Blanchard Ground Steel Deck with 240mm Preloaded Cross Roller Bearing to our Cushion Stop Reciprocation, TruDress stands for quality, durability and ease of operation.

First and foremost, all controls run through our on board Industrial Grade Computers with Windows 7 Operating System.

1. ***Touch Screen controls are easily accessible and located where the field of view includes the grinding wheel and the work head to facilitate quick and accurate setup.***
2. Built in on-machine design and store capability for most standard wheel shapes.
3. Import and store capability for .dxf files.
4. ***Drawings use color coded lines to better show shape changes.*** IE when you transition from a radius to an angle, the line will change color at the transition point facilitating greater truing accuracy.
5. ***Setup automatically sets initial optimum wheel speed of both the grinding wheel and the wheel pack based on wheel diameters.*** Override adjustments allow for fine tuning based on wheel specifications.
6. Readouts for all functions including wheel rpm’s, angular readouts and all movements and motions are located on monitor screen for easy setting and viewing in ether US Standard or Metric units.
7. ***Reciprocation stroke length and stop locations are set on touch screen for absolute accuracy with pneumatic lock.***
8. ***Reciprocation stroke when set at “0” locks reciprocation for truing concave forms.***
9. ***Angular settings and readout for the rotational axis can be user set to read from whole degrees to .0001 degrees as required.***
10. ***Servo Driven Oscillation with Cushion Stop eliminates “bumping” from reversals.***

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Live Imaging Camera

11. ***Live Imaging Camera shows the actual surface of the wheel after being trued rather than just a shadow.*** This helps the operator ensure that the diamond or CBN wheel is not only properly trued, but also properly dressed.
12. Adjustable LED top lighting enhances clear imaging.
13. ***Nine preset magnification levels*** allow a broad selection for the best setup for any particular application.
14. ***Broad field of view capable of handling large radii in one setup.***

Mechanical Features

15. Sealed Linear Actuators and Work Head Spindles have Positive Air Pressure to assist in the elimination of internal dust contamination.
16. ***New for 2017 - The “X” and “Y” axis on the Work Head now come standard with Servo Motor motion Controls with on screen digital readouts for even greater ease of setup particularly when machine has the optional enclosure.***
17. ***New for 2017 - Standard pneumatic disc break with touch screen control affords exceptional control for setting angular and rotational stops.***
18. All non functional surfaces are either Powder Coated or Black Oxided for maximum durability, ease of maintenance and enhanced appearance.
19. Comes standard with a 10 HP Direct Drive variable speed reversible HSK63F work head with semi-automatic push button retention system.
20. The HSK63F is directly compatible with 63B, D, & F and 50A, C, and E Arbors and accepts many adaptors for other spindles.
21. ***New for 2017 – Our optional SK40 variable speed work head spindle now comes with semi-automatic push button retention system*** directly compatible with NMTB-40, CAT-40, SK-40 and Big + Arbors. Standard adapters are available for most other common spindles. Specials available by quotation.
22. All of our spindles are variable speed with touch screen operational control readouts on the monitor.
23. Our standard grinding head is a variable speed direct drive 2.75 HP motor mounting 10” (Will also accept 8”) grinding wheels with Digital RPM readout shown on our monitor. (10” wheels have the same discard size as the 8’s and contain 225% more usable abrasive.

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24. ***Our counter height 2” thick steel deck holds the largest pivot bearing in the industry. This 240mm Preloaded Cross Roller affords maximum rigidity for our grinding head.***
25. Compact footprint measures only 43 x 63 inches.

Functionality

26. ***Our Open Frame Design and convenient table height of 36” and spindle height of 48” afford easy access to our spindles for loading and removing wheel packs or changing grinding wheels.***
27. The table surface itself comes in very handy when changing wheels or wheel packs.
28. ***Our standard Trued Wheel Diameter range 1/4” (6mm) to 16” (400 mm) affords the ability to true nearly every wheel in your shop for maximum performance.***
29. ***The “Y” axis on the grinding head has a special worm gear feed reduction of .5mm per revolution for extra fine feed rates assuring greater truing accuracy.***
30. ***For lowest cost and fastest service, all replacement parts are available directly from each manufacturer as listed in our manual.***
31. ***And Finally, Reliability—Only 2 Warranty issues over \$100 in 10 Years***

So,
The Question Again
WHY PAY A “little more” FOR AN ASI “TruDress”?
Answer:
BECAUSE THEY’RE WORTH IT!!!!

For more information concerning this machine, please check out our brochure that has all of the operational specifications.

Or, Call us and ask for: Wayne Wheeler.

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