

NT-820HCHD-XLT Double Surface Planer



Heavy duty jack shaft and lifting column system

Increased thickness of plate steel fabrication for support of HD horsepower motors

Production series cutterheads, and increased feed speeds (6 drive belts, top & bottom heads)

Heavier duty gear boxes and universal drives

Heavy duty oiling system for infeed conveyor carpet

Availability of 60HP or 75HP top head + 50HP or 60HP bottom head

Higher horsepowers provide for heavier stock removal, higher feed speeds & improved finish of hard or grainy lumbers and glued panels.

Feed motor HP of 7.5HP or 10HP.

Increased thickness of chrome table.

Infeed spikes are mfg. from harder heat treated steel than standard spike

Cutterhead of 32" in width with 8 spiraled rows of insert type (4 sided) carbide knives.

Total 4 sided knives per cutterhead (180 ea.).

Cutterhead decibel rating to be 75 or less.

Cutterhead construction to be of "solid" steel materials.

Cutterhead rpm to be increased to 6,000 on High Speed Series.

All cutterhead bearings to be "Class 7" NKS brand.

HP of 60HP top head, 50HP bottom head, 7.5HP feed motor and 1HP elevation motor are standard on High Speed Series.

Patented universal type drive system provides constant feed speeds and extremely high durability compared to older style drive systems of chains and sprockets. This system is very similar to the drive systems of many "new generation" moulders.

Top cutterhead positioning is accomplished by means of digital controller.

* Data input controller + encoder and ball screw.

Raising and lowering of top cutterhead is accomplished by means of a synchronized "4 column" type lifting system with lubrication.

* Patented design.

Conveyor type "spike" infeed carpet with a feed range of 20' - 110' per minute.

* 1,100 spikes with 3/4 inch stroke complete the entire infeed system.

Infeed conveyor includes automatic lubrication system ensuring constant oiling of guide track, chains and sprockets.

Surfacer allows very easy access to both top and bottom cutterheads providing quick and easy tooling access.

All electrical components are assembled into 1 remote dust proof cabinet.

Dust collection requirements: 4,000 cfm.

Machine dimensions: L107.5" x W67" x H72".

Machine gross / new wt: 14,000 / 13,740.b

Amperage requirement at 230/460:

Machine tested and ready for installation.

Includes operators manual and parts book.