


PLANER SANDER SERIES – SR I 300NDA *53” Planer and Two Sanding Heads*






Sample Machine Shown

The Cantek *Planer Sander Series (SRN)* Wide-Belt Sanders combine an industrial design with user friendly controls. Planing the material prior to sanding allows increased efficiency while also extending the life of your abrasives. The spiral insert cutterhead produces a fine finish while requiring less horsepower than traditional straight knives. The digital thickness control allows for precise adjustment of the conveyor belt to 0.001” resolution. Special emphasis has been made for safe operation of this machine with emergency devices on the infeed, outfeed, conveyor table, and access doors.

MACHINE FEATURES:

 <p>2-Head Machine Control Shown</p>	<h3>USER FRIENDLY CONTROLS</h3> <p>Digital Thickness Control: Motorized thickness adjustment with digital control for precise table adjustment. Resolution to 0.001” and 0.01mm. Dual inch / metric display.</p> <p>Ammeters: Individual ammeters for load monitoring. Allows for optimum stock removal and improved belt life.</p> <p>Hour Meter: Helps keep track of regular maintenance intervals.</p> <p>Safety: Emergency stop buttons on front and rear of the machine. In addition, the machine is equipped with an over height material gate which will shut down the machine if the material is too thick to prevent against damaging the machine. In addition, there is a safety bump bar on the infeed of the table.</p>
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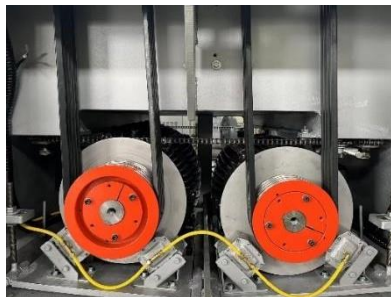
 	<h3>SPIRAL INSERT KNIFE CUTTERHEAD:</h3> <p>1st Head: Spiral Insert Knife Cutterhead:</p> <ul style="list-style-type: none"> • Solid steel 7” diameter. 40 HP (29KW). • Rows of solid carbide knife insert in spiral pattern for superior chip removal, minimum noise, and extremely smooth cutting effect • Cutterhead can be accurately raised or lowered. Cutterhead can be eliminated for sanding only operation. • Changing and rotating the knives is easily performed by sliding the cutter head on the front of the side of the sander. The cutterhead does not need to be removed from the machine. • Sectional Infeed Pressure Shoe, spring loaded.
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	<h3>SANDING HEADS:</h3> <p>2nd Head: Rubber Contact Drum: 10” diameter. 30 HP (22KW). Equipped with dial for micro adjustment according to various grit being used.</p> <p>3rd Head: Combination Head: 6” diameter rubber drum & 3” wide platen, 20 HP (14KW). Platen can be easily raised or lowered depending on whether you are calibrating or finish sanding. Equipped with dial for micro adjustment to the sanding drum according to various grit being used.</p>
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QUICK RELEASE OUTBOARD SUPPORT FOR FAST BELT CHANGING

Quick release outboard support allows fast changing of sanding belts to accommodate a wide variety of grit segmentations. The easy release makes changing belts a breeze. A novice operator will find the process of changing the sanding belt an easy task to accomplish.



DISC BRAKES ON SANDING MOTOR

Robust disc brakes engage when heads are stopped, or an emergency device is tripped. Also allows for faster belt changeover times.

SOFT START

Sanding motors are equipped with wye-delta soft start to reduce power consumption on startup.

ADDITIONAL MACHINE FEATURES:

- Heavy duty welded steel frame with cast iron sanding head assemblies for vibration free sanding.
- Caliper auto thickness setting device
- Automatic conveyor belt pneumatic tracking
- Electronic sanding belt tracking
- Table is adjusted using heavy duty jack screws driven by robust chain system.
- Pneumatic belt tensioning & quick release outboard support for fast belt changes
- Extended infeed bed with two table rollers
- Safety switches on all access doors.
- High quality Schneider electrics with pneumatics
- Caliper thickness device

AVAILABLE OPTIONS (When Ordered with Machine):

- Air jet belt cleaners with sensor (turns on only during sanding)
- Roller brush on outfeed

Electrics

Other Voltages for stock machines are easily and inexpensively achieved through auto transformers that we normally have in stock. Please inquire.

MACHINE SPECIFICATIONS:

DESCRIPTION	INCH	METRIC
Abrasive belt size	53" x 75"	1346 X 1905 mm
1 st Main motor (Planer)		40 HP
2 nd Main motor (Drum)		30 HP
3 rd Main motor (Combi)		20 HP
Feed motor		5 HP
Table rise/fall motor		1 HP
Working width	52"	1320 mm
Minimum part length	16.9"	430 mm
Maximum thickness opening	4.7"	120 mm
Feed speed: variable	13 to 59 FPM	4 to 18 m/min
Pass line height	37"	950 mm
Dust outlet	11 @ 5"	11 @ 127 mm
Compressed air pressure	PSI 85	6 Kg/cm ²
Compressed air volume	18 CFM	0.5M ³ /Min
Dust collection requirements	11,023 CFM	13,700 M ³ /HR
Net weight	9,259 lbs.	5000 kgs
Machine dimensions	98" X 82" X 79"	2500 x 2100 x 2025 mm
Shipping weight	12,125 lbs.	5500 kgs
Shipping dimensions	115" X 79" X 82"	2930 x 2030 x 2090 mm
Electrical requirements	230/3/60 = 224 amps OR 460	

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