stefani
INDUSTRIAL DIVISION

STEFANI SOLUTION HD-R 78
HEAVY DUTY AUTOMATIC EDGEBANDER

Photo shown may include optional equipment

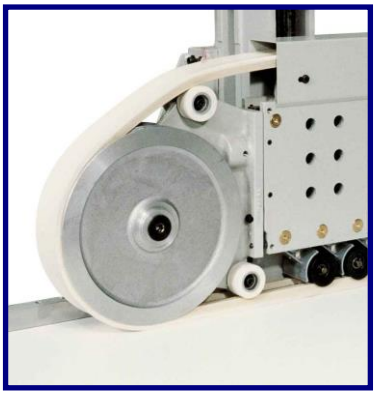
QUOTE:	MCGA1091416
DATE:	09/14/16
PRESENTED TO:	Windsor Fixtures Inc. 755 Raco Drive Lawrenceville, GA 30046
CONTACT	Bill Healey Steve Hardy
PHONE	770.962.2828

scmgroup north america

Committed to a single goal….SUPERIOR RESULTS

STEFANI HD-78

The machine base is fabricated using a heavy duty, mono-block design. This provides a solid surface for mounting all of the working units. This structure, pressure beam and working support units are all poured at SCM's own Foundry & controlled throughout the fabrication inside the SCM Group, ensuring the most stringent specifications.



All working units are attached using the Heavy Duty "H" style supports that ensure a vibration free work environment which reduces the amount of "adjustments" that need to be made on motorized units under the hood.

The top pressure beam is made of thick steel to eliminate "flex" when maximum pressure is applied.

Top pressure beam is fitted with a twin-profile V-belt for even pressure & precise holding of even small work pieces.

The feed track consists of 70 mm wide, self-lubricating nylon sliders. The replaceable track pads are coated with wear resistant vulcanized rubber to prevent work piece movement.

The track guiding system consists of one flat guide and one round guide. The flat portion is located closest to the machine working units for maximum pressure while holding the work piece perpendicular to the working units. The round guide is located on the opposite side of working units to ensure perfect linear alignment by eliminating the possibility of "twist". Both guides are made of hardened ground steel and are equipped with an automatic lubrication system.

The cabinet is coated with noise-reducing material and is illuminated with non-glare fixtures. The cabinet is custom configured to allow appropriate dust extraction for each working unit.

PC CONTROL SYSTEM FOR THE FAST, EASY AND PRECISE HANDLING OF THE MAIN FUNCTIONS OF THE MACHINE.
IT INCLUDES:

Creating programs Just in Time. Possibility of management by means of production list;
Virtual preview of the processed panel with automatic selection of operating units;
Flexible and independent management of each unit and tool without machine vacuum;
Clear and concise diagnostic information for a fast resolution of problems;
Working statistical data: number of worked pieces and meters, of the employed hours etc.;
Management for automatic selection and instantaneous of the magazine edge coil;
Quick selection of the main functions of the main page with PRO EDGE function;
Unit of measurement in mm;
Operator "Win-Edge" interface in the following languages: Italian, French, English, Spanish, German (opt. Portuguese and Russian).
MAIN CHARACTERISTICS:
PC Office Operating system: W XP
Screen: 17" TFT
2 network card ETHERNET
6 USB ports - 2 PS/2 ports
Bar code reader management

WORKING UNITS:

B25282 VARIABILE FEED SPEED 12-25 M/min
The machine features variable track speed from 12-25 Meters/min. (39 – 82 feet/min) Track speed is set in the programs to suit the application.

W50605 ELECTRONIC POSITIONING OF TOP PRESSURE BEAM
Automatic motorized positioning of the top pressure beam from the control. This system also automatically adjusts all work units to accommodate the new part thickness. Beam height is set in the programs to suit the application.

B09094 75 kVA AUTOTRANSFORMER
Multi-tap transformer to accommodate US voltages – 208-230-460

W01405 PANEL SPACING DEVICE

A95111 TWO POSITION INFEED FENCE
Pneumatic two position of infeed guide.

A50164 ANTI-ADHESION UNIT AA

A95117 PRE-MILLING UNIT
This unit uses milling units rotating at 12,000 RPM to remove a pre-determined amount of material from the edge of the part.
It is equipped with:
- Two 4kw motors on THK guides for automatically advancing and retracting the counter rotating motors.
- Lateral side copy device to compensate for any improper machine feeding or warp in long boards. (Up to 1mm)
- Mechanical digital indicators
- Acoustically insulated sound enclosure
- Blowers for panel cleaning.

A71420 DIAMOND MILLING CUTTERS
Two 100mm x 64mm cutters, One cutter per head. Maximum panel thickness is 60mm.

A81553 PANEL HEATING LAMPS
This devise pre-heats the edge of the panel to improve adhesion.

Standard GLUING UNIT VC 600
High effiecency gluing sytem for standard glue types.
- Glue pot with Teflon coating for easy cleaning
- 'No Tool' Glue pot removal system
- Precise control of the amount of glue on the panel edge
- Electronic control of the glue temperature
- Movement of the glue spreading roller, of the first pressure roller, and of the feed roller by motors
- Automatic temperature kick-down to avoid glue scorching
- Heavy duty guillotine for automatic tape trimming
- Automatic loading of coiled material or strips
- Pressure section with one large, motorized roller and three idle rollers with opposing tilt. All rollers have "jump" capability.
- Addition of two idle rollers for a total of six (Code A81547)
- Additional Quick Disconnect Glue Pot

A81603 EDGE PRESENCE SAFEY DEVICE

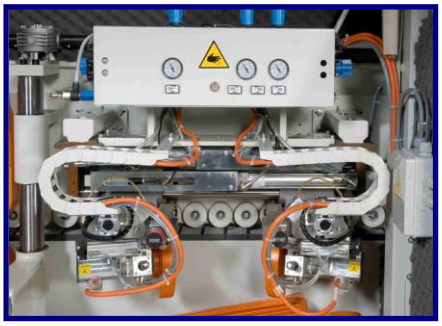
A00136 PRESET FOR THE NORDSON PUR BLUE 4 WITH EB 60 NOZZLE
System Features double thermoregulation for controlling two different working temperatures for EVA and PUR glue. Pre-wired for pre-melting management, pre-drilled for future installation, includes mechanical support for the locking of the application unit.

A81539 QUICK MELT SYSTEM
System Features:
- Quick-melt system with pot for melting glue granules. This allows for a fast melt of the glue granules with controlled alimentation into on the spreading basin
- The pump heated by resistors and complete with thermos-regulators for the temperature control
- A smaller glue pot with electronic glue level monitoring replaces the standard glue pot to improve heating time. **Machine comes equipped with an additional quick disconnect glue pot.**

A72291 TWIN AUTOMATIC VERTICAL COIL MAGAZINES
Edge feeding system with 2 stations providing automatic infeed for coiled material- 2 coil-holder magazines vertically placed
- Automatic feed system with automatic changeover at the end of the roll
- Automatic 'low material' warning
- Programmable changeover within the Win Edge programming

A81511 ELECTRONIC PRESSURE ROLLER POSITIONING
Electronic setting of the pressure section by means of numerical controlled motor to set the position of the pressure rollers when changing edge thickness. This system is fully controlled by the PC program or manually adjusted on computer screen. Mounted on THK guides
- Addition of two idle rollers for a total of six (Code A81547)

Standard YU/SP-750 TOP MOUNTED END TRIMMING UNIT
Automatic removal material beyond the end of the work piece
- Unit installed on the pressure beam
- Two motors with timed pneumatic movement
- Front, back feeler with automatic location
- Lateral feelers on linear ball recirculating guides with pneumatic intervention
- Motors with manual tilt up to 15°
- Automatic exclusion per application via the program



A50571 AUTOMATIC HORIZONTAL BLADE TILT

Standard R TRIMMING UNIT
For the rough trimming of thin and medium edges or for the finishing of solid wood edge:
- Top and bottom trimming motors with quick-release device
- Top motor connected to the pressure beam for automatic adjustment according to the panel thickness
- Large diameter, disc-shaped vertical copying device
- Numerical indicators for the horizontal and vertical shifting of the motors
- Automatic exclusion per application via the program
- Upgrade to 1.84 kW motors (option A81559)

Standard RSU FINE TRIMMING UNIT
Automatic top and bottom trimming for thin edges or rough trimming on PVC/ABS edges:
- Two motors tilting up to 30° with quick-release system
- Top motor connected to the pressure beam for the automatic adjustment according to the edge thickness
- Large diameter, disc-shaped vertical copying device
- Horizontal and vertical automatic cut-off up to 10 mm.

A50785 ELECTRONIC POSITIONING OF FEELERS FOR RSU

This device automatically positions the tools for rapid change-over of the working process according to the thickness of the edge applied, from thin edge to 3 mm and vice versa.

Unit equipped with:
- Motors with 2 positions vertical and horizontal automatic positioning
- lateral disk feelers with horizontal electronic positioning system
- Tool bodies with disposable insert cutters. 70/78x16 Straight/R=1.5

A73732 CORNER ROUNDING UNIT C1+C2 2P

This heavy-duty unit is designed to round the front and rear corners of work pieces with thick PVC edging. The four independent motors on this unit are equipped with front and lateral copying devices. In/out positioning is controlled through the PC. The unit is designed to change between 1.5mm PVC to thin tape via the PC.

- Four motors with quick-release system with motor blocks supported by a parallelogram supports that keep tool in perfect position independently from the geometry of the profile
- Motors equipped with 2 position automatic positioning to quickly change from thin tape to 1.5mm PVC.
- Separate processing sequences for each corner to avoid causing vibrations of the panel
- Four motors guarantee a tear out free finish when applying 3mm wood coil
- Copying system with bearing feelers and lateral feeler
- Automatic exclusion
- Pneumatic positioning of the cutter on 2 positions for processing 1.5mm or thin pvc.

A73741 FOUR CUTTER HEADS INSTALLED WITH 1.5MM RADIUS TOOLS

Standard EDGESCRAPING UNIT RAS/S

Top and bottom scraping for PVC/ABS material
- Quick release device for motor and tool which allows the fast and precise change over
- Vertical and horizontal shifting devices made of steel grounded bars with recirculating ball bearings
- Large diameter vertical and horizontal feelers
- Numerical indicators for the horizontal shifting
- Automatic exclusion
- 1.5mm radius tools included

U SPINDLE SHAPE STATION

The unit is equipped with a 5.35 hp motor. It is capable of through grooves and timed grooves on the upper, lower and face of the panel. Selection of right or left hand rotation, timed intervention, pneumatic exclusion of the work unit, digital readouts for the positioning and an exhaust hood are standard. 12,000 rpms, tilting from 0-90 degrees, max tool diameter is 125mm and max removal is 90mm2. Timed intervention at 20m/m is +/- 2mm.

A51211 GLUE SCRAPING RCA/2C

Removes possible excess of glue on the top and bottom side of the panel:
- Complete with two cutters
- Vertical copying device
- Two blowers cleaning the cutters
- Automatic start to assure the best processing of the starting and the ending side of the panel
- Automatic exclusion

A51706 DOUBLE EDGE BRIGHTENING UNIT PH/1600

This unit brightens colors on PVC/ABS edging with super-heated air.
The unit receives air from the compressed air distribution system and gives out hot air through two independent nozzles.

A81576 BUFFING UNIT SPN

For the cleaning and finishing of plastic edges:
It is composed of two overlapped motors that tilt vertically.

A81577 PNEUMATIC CUTOFF AND OSCILLATION

Standard TELESCOPING PANEL SUPPORT

- Designed to telescope in & out for easy cleaning around machine & fast panel width changeover.
- Telescopes to 650mm
- Glides on rollers are made of high impact plastic

A3550 OUT-FEED BELT TRANSFER

TECHNICAL SPECIFICATIONS

Working Height	10-60 mm (3/8" – 2 3/8")
Edge Thickness	0.4-22 mm (7/8")
Max. track speed (depending on edge thickness)	12-25 m/min (40-82 FPM)
Feed Motor Horsepower	4 kW
Minimum Panel Length:	140mm (5 1/2") 220mm (8 5/8") with Corner rounding
Minimum Panel Spacing	630mm (24.5/8")
Min. coil length	230mm
Min. strips length (Solid wood and HPL)	250mm
Pre-Mill Unit	
Motor Power	4 kW
Rotation	12,000 RPM
End Trimming Station:	
Motor Power	0.5 kW ea.
RPM	12,000 RPM
Automatic blade tilt	0-22 degrees
Edge Trimming Unit (1st):	
Motor Power	1.84 kW
RPM	12,000 RPM
Tilting	Flush
Edge Trimming Unit (2ndt):	
Motor Power	0.5 kW
Tilting	0-30 degrees
Cutting Tools, straight knife inserts (4)	70mm x 12mm
	1.5mm radius
Corner Rounding Unit:	
Motor Power	.35 kW ea. (4 motors)
RPM	12,000 RPM
Tooling Radius	1.5mm
Profile Scraping Unit:	
Knife Radius	1.5mm
Spindle Moulder Unit:	
Motor Power	4 kW
Motor RPM	12,000
Tilt	0-90
Max Removal	90mm2
Max Tool Diameter	125mm
Glue Scraping Unit:	
Knife Radius	Straight
Buffing Unit:	

Motor Power	0.29 kW
RPM	1,500 RPM
Brush Dimensions	150mm x 50mm x 33mm
Pneumatic Operating Pressure	90 PSI

Machine Price: **$245,000.00**

Special Repeat Customer Price: **$205,000.00**

- Delivery and Installation included
- (4) Preventative Maintenance Visits

Terms and Conditions

If Customer would prefer leasing as an option to fund this purchase, kindly contact the SCM Group NORTH AMERICA Inc. ("**SCM**") Leasing Department at 800-292-1837 for information about our leasing programs.

This Price Quotation is for discussion purposes only and is not a legally binding agreement or contract standing alone. This Price Quotation is not a valid or binding obligation unless a Machinery Acquisition Agreement for the acquisition of the Machinery that specifically incorporates this Price Quotation ("MAA") is also executed.

Machinery: The Machinery that is the subject of this Price Quotation is listed in detail in this Price Quotation and incorporated herein by this reference.

Installation: The Installation of the Machinery and the Training that is included is described in detail in the section below entitled "Installation and Training" and incorporated herein by this reference ("**Installation and Training**").

Tooling: Unless otherwise provided in this Price Quotation, tooling for the Machinery ("**Tooling**") is not included in the Purchase Price. Upon request, we can supply a quote for Tooling that can be used on the Machinery.

Purchase Price: The Purchase Price is the Price of Machine Delivered above, subject to change if the specifications for the Machinery are modified at Customer's request. The Purchase Price shall be paid by Customer to SCM as follows:

• Thirty percent (30%) upon SCM's acceptance of Customer's execution of the MAA (non-refundable if SCM accepts Customer's offer) ("**Down Payment**")	$ 61,500.00
• Sixty percent (60%) prior to shipment of Machinery from Duluth, GA – SCM will send final invoice ("**Second Payment**")	$123,000.00
• Ten percent (10%) before the earlier of ten (10) days following installation of the Machinery or thirty (30) days following delivery of the Machinery – SCM will send final invoice ("**Final Payment**")	$ 20,500.00
• **Total Purchase Price** (excluding any sales tax)	$205,000.00

Other Terms and Conditions

- The Purchase Price includes the Machinery, Tooling, and Installation and Training.
- The Purchase Price does not include any State or Local Sales or Use Tax. If applicable, such tax will be added to the Customer's final invoice.
- SCM must receive the Down Payment and the Second Payment in full before delivery. If SCM has received the Down Payment and the Second Payment in full, then SCM will deliver the Machinery approximately 120-150 days after SCM and Customer execute the MAA and SCM receives the Down Payment.
- The Machinery is manufactured to metric standards, and dimensions on any drawing of the Machinery that are shown in English measurements are approximate and are provided only for convenience. SCM shall not be bound by such English measurements.
- Compliance with other State, County, City or Local Standards is the responsibility of the Customer. SCM will assist the Customer, at Customer's expense, with any modification that is necessary to make the Machinery compliant with such laws and standards. Regular hourly service rates will be applied in the provision of such assistance.
- This Price Quotation shall expire thirty (30) days following the date first written above.
- The terms of this Price Quotation describe the specifications of the Machinery and do not constitute a warranty of any kind. The warranty of the Machinery is as set forth in the MAA.
- If this Price Quotation and the MAA conflict, then the terms of the MAA shall govern.

INSTALLATION AND TRAINING

1. **SCM's Responsibilities** – A factory trained SCM engineer shall perform the following tasks:

   (i) Assemble and level the Machinery;
   (ii) Remove Cosmoline and clean the Machinery;
   (iii) Install the Tooling;
   (iv) Train the Customer's machine operator(s) and maintenance personnel on how to properly and safely operate and maintain the Machinery, referencing the SCM instruction manuals provided with the Machinery; and
   (v) Supervise the start-up of production while Customer's personnel operate the Machinery.

2. Customer's Responsibilities – Before the SCM installation technician is dispatched, the Customer shall accomplish the following:

(i) Provide the labor force and handling equipment (crane, fork lift, etc.) to properly unload, uncrate, and position the parts of the Machinery next to the installation site;
(ii) Clear the site from any impediments of any nature;
(iii) Complete, at Customer's expense, site preparation, including leveling of any concrete floors and performing any masonry work, fabrication, construction, and electrical work (including but not limited to wiring to the Machinery and internal wiring of optional equipment);
(iv) Provide electrical power, efficient electrical ground, compressed air, dust extraction, water, cranes, and forklifts, as required by Machinery specifications, at the site and in accordance with the drawings supplied with the Machinery;
(v) Provide the Tooling for Machinery (unless otherwise provided in this Price Quotation);
(vi) Provide material sufficient to conduct the set-up and operating trials;
(vii) Provide the presence of one or more company personnel for installation and testing assistance during the entire session of the Installation and Training;
(viii) All costs for labor and material necessary to ensure that the Machinery and its installation comply with State, County, City or Local codes and ordinances, including regular hourly service rates for SCM personnel to assist with making the Machinery compliant, if such assistance is requested; and
(ix) Upon the completion of the installation and of the Machinery set-up, the Machinery shall be securely fastened to the floor.

3. Pre-Installation Letter – To assist the Customer in accomplishing the responsibilities listed above, SCM shall send Customer a Pre-Installation Letter with a checklist. The items indicated on the checklist must be verified and/or in place before a SCM technician is dispatched to begin the installation. SCM will charge Customer, and Customer shall pay SCM, SCM's standard hourly rates for the technician if the Machinery site is not ready for installation at the time of the technician's arrival at the Customer's site.

Presented By: Tim Sermonet
Trade Manager
Date: 09/14/16

SCM Group NORTH AMERICA Inc. invites the purchaser to carefully read this quotation. Kindly make sure that SCM has not inadvertently omitted any portion or feature requested by the purchaser and agreed with the SCM sales personnel. Should the purchaser have any questions or require any clarification about this quotation, kindly direct these questions or inquiries to:

Tim Sermonet
Product Manager – STEFANI
Phone: 770.813.8818
Mobile: 404-759-3504
E-Mail: tsermonet@scmgroup.com

For any other inquiry, please feel free to contact:
Marco Canducci
Phone: (770) 598-8412
E-Mail: marcocanducci@mcc-inc.us