

STEFANI SOLUTION HD-R 73
Heavy Duty Automatic Edgebander



Photo may include optional equipment

QUOTE:

DATE:

PRESENTED TO:

CONTACT:

PHONE:

About SCM GROUP

Founded in 1952 in Rimini, Italy, SCM Group S.p.A is the leading designer, manufacturer and distributor of innovative and technologically advanced solutions for woodworking, glass, stone, plastic, metals and composite materials. SCM Group's line of products range from the "Classic" entry-level manual equipment to the turnkey fully-automated "Industrial" solution, and all products use the best Italian components possessing the renowned "Made in Italy" high level of quality and control. With headquarters in Rimini, SCM Group operates through 18 production facilities located throughout Italy and 19 foreign subsidiaries with a total



workforce of 3.100 employees. Using an extensive distribution network, SCM Group exports over 80% of its production, covering 120 countries through subsidiaries, distributors and agents.

Solution HD 73 – Automatic Edgebander

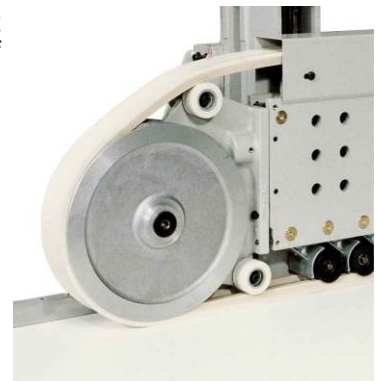
The machine base is fabricated using a heavy duty, mono-block design. This provides a solid surface for mounting all of the working units. This structure, pressure beam and working support units are all poured at SCM's own Foundry & controlled throughout the fabrication inside the SCM Group, ensuring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

Creating programs Just in Time. Possibility of management by means of production list;

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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

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 **Variable 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)

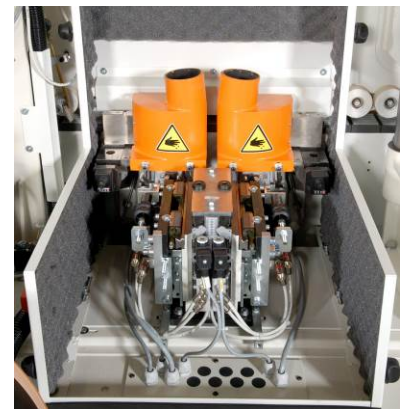
- Mechanical digital indicators
- Acoustically insulated sound enclosure
- Blowers for panel cleaning.

A71420 **Diamond Milling Cutters**

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

A81553 **Panel Heating Lamps**

This device pre-heats the edge of the panel to improve adhesion.



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Standard Gluing Unit Vc 600

High efficiency gluing system 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)

**A81603 Edge Presence Safety Device****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 thermoregulators for the temperature control
- A smaller glue pot with electronic glue level monitoring replaces the standard glue pot to improve heating time.

**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)



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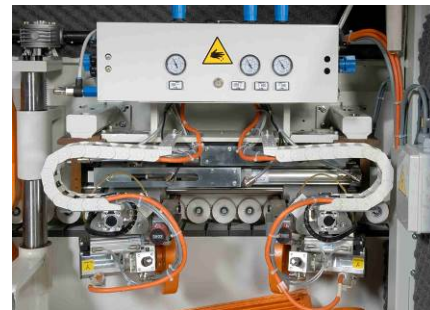
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Standard YU/SP-750 Top Mounted End Trimming Unit

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



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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:

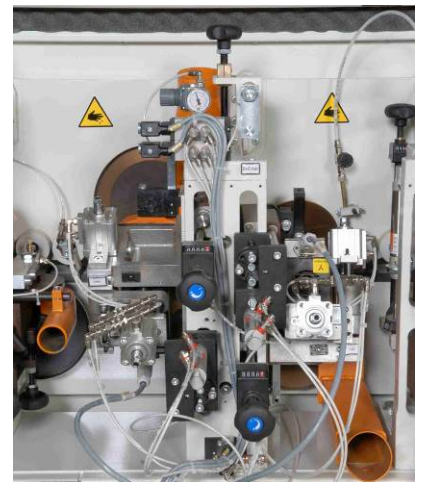
- Top and bottom trimming motors with quick-release device
- Top motor connected to the pressure beam for automatic adjustment according to the panel thickness
- Large diameter, disc-shaped vertical copying device
- Numerical indicators for the horizontal and vertical shifting of the motors
- Automatic 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=3

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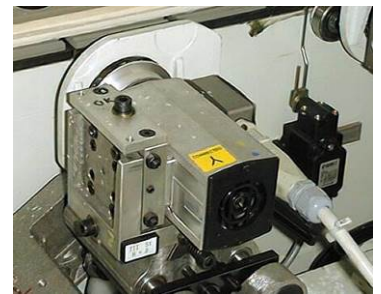
A73732 **Corner Rounding Unit C1+C2 2P**

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 3mm 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 3mm 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 3mm or thin pvc.

A73741 **Four Cutter Heads Installed With 3mm 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
- 3mm radius tools included



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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**

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Technical Specifications

Working Height	10-60 mm (3/8" – 2 3/8")
Edge Thickness	0.4-22 mm (7/8")

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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 (2nd):	
Motor Power	0.5 kW
Tilting	0-30 degrees
Cutting Tools, straight knife inserts (4)	70mm x 12mm
	3mm radius
Corner Rounding Unit:	
Motor Power	.35 kW ea. (4 motors)
RPM	12,000 RPM
Profile Scraping Unit:	
Knife Radius	3mm

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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

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PRICE

Machine Price:	\$ 000,000.00
Special Year End Pricing:	\$ 000,000.00
Delivery:	FOB Duluth, GA
Installation:	Included

Terms of Payment:

Terms of payment offered, or any terms agreed upon, are subject to credit approval.

This offer is subject to SCM GROUP NORTH AMERICA General Terms and Conditions of Sale.

Offer is subject to prior sale of the equipment. Quote expires in 30 days.

Price quoted is for the machine as described above and is subject to change if the Specifications for the machine are changed at the request of the buyer.

SHIPMENT:

Shipment is subject to delay should changes be made to meet the requirements of purchaser from manufacturer's design specifications stated herein.

TOOLING:

Tooling is included. Upon request, we can supply a quotation on the most suitable tools required for use on this machine.

INSTALLATION, TRAINING, SERVICE RATES AND CONDITIONS:

Installation, when purchased, will be performed by an SCM factory trained service technician or Certified Dealer Technician. Installation is to be understood as the assembly of the machine to the 'ready-to-run' state; it does not include floor, masonry work, the running of electrical, pneumatic or dust extraction services to the site. Training will be conducted on site by the service technician after installation has been completed.

SCM Group is committed to maximizing your production time. Your machine may be preselected to contain automatic maintenance reminders. You can contact SCM Group North America Service Department at 866-216-2166 if and when you receive a maintenance message.

WARRANTY:

SCM warrants that the Machinery will be free of defects in workmanship and materials for a period of one (1) year beginning on the date the Machinery is accepted by the customer. This warranty includes belts, bearings, and common electrical parts, which carry a six-month warranty. This warranty does not include parts consumed during normal operation (wearable items) or maintenance required in the ordinary course of operation.

Presented By: Tim Sermonet
Product Manager

Date:

SCM Group NORTH AMERICA Inc. invites the Customer to carefully read this Price Quotation. Kindly make sure that SCM has not inadvertently omitted any portion or feature requested by the Customer and agreed with the

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SCM sales personnel. Should the Customer have any questions or require any clarification about this Price 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

Leasing Contact:
Kevin Mellon
SCM GROUP North America Equipment Finance
Mobile: 404-759-3575
Fax: 770-813-8263
Email: kmellon@scmgroup.com

For any other inquiry, please feel free to contact:

SCM Group NORTH AMERICA, Inc.
2475 Satellite Blvd.
Duluth, GA 30096-5808
Phone: 770-813-8818
Fax: 770-813-2185

SCM Group North America,
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Carson, CA 90746

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Equipment Finance Application

Company Name: _____ Email Address: _____

Address: _____ City: _____ State: _____ Zip: _____

Phone: _____ Fax: _____ Years in Business: _____

Address of Equipment location: _____

Company Website: _____ Tax Exempt Yes No Fed ID #: _____

Check One: Corp. LLC Partnership Sole Prop. State of Incorpor: _____

Bank: Include copy of first page of Company's most recent 3 months bank statements

Vendor Name: _____ Contact: _____ Equipment Cost: _____

Equipment Description (attach sales order if available): _____

Please complete the following information, and signature, of each officer:

1) Owner's Name: _____ Title: _____

Social Security Number: _____ % Owner: _____

Address: _____ City: _____ State: _____ Zip: _____

2) Owner's Name: _____ Title: _____

Social Security Number: _____ % Owner: _____

Address: _____ City: _____ State: _____ Zip: _____

3) Owner's Name: _____ Title: _____

Social Security Number: _____ % Owner: _____

Address: _____ City: _____ State: _____ Zip: _____

I hereby certify that the information contained in the lease application is true and accurate and I hereby authorize our banks, trade references and financial institutions the right to release credit information. In states where permissible, I hereby authorize the filing and recording of UCC financing statements showing the Secured Party's interest in the equipment and grant the Secured Party's right to execute lessee's/debtors name thereto. A photocopy of this authorization shall be as valid as the original.

Signature: _____ Title: _____

Please fill out the information and submit to: SCM Group Equipment Finance
2475 Satellite Blvd
Duluth, GA 30096

Phone: 800.292.1837
Fax: 770.813.8263
financing@scmgroup.com

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