

AUTOMATIC WIDE BELT SANDER

dmc sd 70



TECHNICAL DATA

135 version

working width	mm	1.350
min/max. working thickness (mobile table)	mm	4-170
min/max. working thickness (fixed table)	mm	4-200
sanding belt width	mm	1370 / 2620
main motor power	kW (HP)	11 (15)
Feed speed	m/min	4,5/9

GENERAL FEATURES:

Base and working table

- * steel structure with electric cabinet on the machine front
- * sanding belts introduction from the machine left side
- * powered adjustment of working thickness
- * main motor positioned inside the base

Electrical equipment

- * electromechanical keyboard positioned on the machine front side
- * automatic star-delta start of the main motor
- * overload protections on the motors
- * motors in isolation class IP54

Emergency and safety devices

- * safety micro for overthickness
- * automatic brake for rapid shutdown of the operating group
- * hand-safety emergency device in the infeed panel area
- * front and rear emergency pushbutton
- * padlockable main switch
- * automatic emergency stop machine for:
 - sanding belt breaking
 - not-tensioned sanding belt
 - lateral outplacement of sanding belt
 - absence of compressed air
 - overload on main motor

N.B. The machine with standard configuration is supplied with 400 Volt 50 Hz and 3-phase version + neutral + earth.

When the 400 voltage supply has not the neutral phase, it is necessary to select the single-phase transformer, foreseen on the price list.

The same transformer has to be selected also when the machine is supplied with voltages higher than 400 volt, independently from the neutral phase presence.

The machine supply with 220 or 230 voltages (50 or 60 Hz) is foreseen in the price list with an additional cost.

BASIC MACHINE SELECTION

BASIC MACHINES STANDARD EQUIPMENT

- R160/85 - 85 Sh rubber-coated calibrating roller, 160mm diameter, in 1st position
- R160/45 - 45Sh rubber-coated sanding roller, 160mm diameter, in 2nd position
- Stiff pad with manual adjustment of working height
- 11 kW (15 Hp) motor 1st unit
- Electronic ammeter on main motor for readout of absorbed power
- Electronic readout of working thickness
- Electronic oscillating of sanding belts
- Rubber-coated pressure rollers
- Infeed anti-kickback vertically pivoted roller on 1st operating group
- 60 Sh rubber feed belt
- Infeed/outfeed workpieces support rollers with two rollers
- Feed belt speed with 2-speeds variable feed motor (4,5 / 9 m/min)
- Automatic device for feed belt tracking and tensioning

Production code: DMC70 RCS 135

10.99.99	Security execution	N. 1
R0.00.22	dmc sd 70 composition RCS 135 with 1st "R" group (roller) and 2nd "CS" combined group (roller/pad)	N. 1
93.07.31	Volt 400 EU	N. 1
93.12.01	Frequency 50 Hz	N. 1
44.44.22	"C" version for RCS 135 complete with: <ul style="list-style-type: none">– on/off pneumatic selector of the roller on the 1st "R" group– on/off pneumatic selector of the roller on the 2nd "CS" group– "MESAR 24" electronic sectional pad with 24 sectors– electronic positioning of the working table– "Logic 50" electronic programmer	N. 1



All pads are also equipped with:

- standard equipment complete with no.2 contact inserts as follows:

1) flat semi-stiff contact insert made of steel flexible plate 0,6 mm thickness + felt D=0,68 and extractable graphite cloth. It is suitable for the sanding of solid wood or veneered panels.

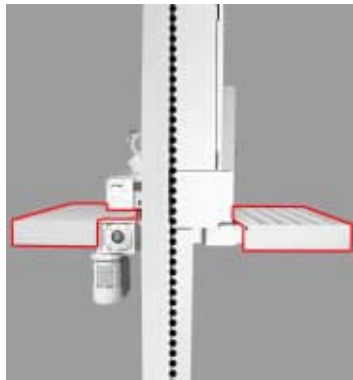
2) soft semi-sandwich contact insert made of flexible steel plate, 0,3 mm thickness + rubber + felt D=0,68 extractable graphite cloth. It is suitable for the sanding of veneered and/or painted panels.

- "Logic 50" electronic programmer which synchronizes the anti-dubbing device with the feed speed and activates the quantity according to the geometric shape of the workpiece. It allows the selection of a higher or lower number of sections to the left, to the right or on both sides

of the piece.

33.31.51 Infeed and outfeed support rollers for long and short workpieces N. 1

The infeed support rollers is equipped with 5 idle rollers and the outfeed one is equipped with 1 powered roller and 4 idle rollers



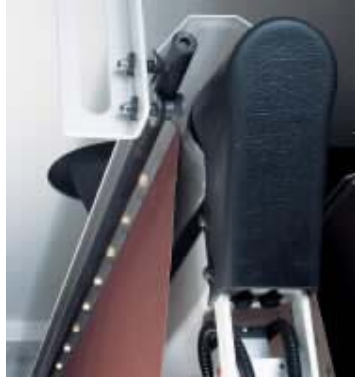
31.21.60 "RA" Helicoidal grooved steel calibrat. roller-1st group N. 1



47.07.35 Oscillating belt cleaning blower on the 1st group N. 1

The device is complete with:

- electronic tracking
- timer activated directly on working piece
- exhaust hood
- filter and pressure adjustment



47.07.36 Oscillating belt cleaning blower on the 2nd group

N. 1

The device is complete with:

- electronic tracking
- timer activated directly on working piece
- exhaust hood
- filter and pressure adjustment



33.08.20 GSF/150 Outfeed fix buffing unit

N. 1

equipped with:

- "ULTRA-FINE" type buffing roller, 150 mm diameter
- 0,75 kW (1 hp) main motor
- exhaust hood
- roller position adjustment
- outfeed rubber-coated pressure roller



97.26.12	15kW (20Hp) motor - 1st group	N. 1
97.26.26	15 kW (20 hp) - 2 speeds motor - 2nd group (9/18 m/sec)	N. 1
41.18.57	Belt feed with 1,5 kW (2 hp) mechanical speed variator with adjustable feed belt speed from 3,5 to 18 m/min	N. 1
08.05.22	Pallet + nylon - 135 version	N. 1
10.99.12	English machine plate	N. 1