

## Sanding Machines and Accessories

Grinding of Screed, Asphalt and Plaster  
Removal of Old Floor Surfaces

### Columbus

The Columbus simply and effectively removes all unwanted sub-floor materials.

This machine will mill, grind and sand your floor surface while creating a minimum of dust - thus helping to maintain a healthier working environment.

The robust design and construction of the Columbus ensures long life and good reliability.

By raising and lowering of the lever, the machine glides across the surface in semicircles. All types of plaster, screed, asphalt and adhesive along with small surface irregularities can be removed from the subfloor with ease.

With a wide range of working plate options to suit all types of floor surfaces, the machine is unsurpassed in saving you time and effort. Working plates, discs and brushes can be changed in seconds.

The 3-gear planetary transmission designed to cope with the toughest tasks.

Included with Model 135, 145 and 155.

With the dust extraction ring MULTI-VAC and dust extractor Janvac 1600, the machine allows almost dust free sanding



All Columbus-Models are delivered without grinding plate and without dust extractor.

## Sanding Machines and Accessories

Mod.135 SH  
1200 Watt



230 V	112 455 000
120 V	112 455 600

TECHNICAL SPECIFICATION	
Power supply	230V or 120 V
Motor power	1200 Watt (1.5 HP)
Working width	Ø 375 mm (14 3/4")
Speed	140 rpm
Weight	38 kg (84 lbs)

Mod.145 SH  
1500 Watt



230 V	112 560 000
120 V	112 560 600

TECHNICAL SPECIFICATION	
Power supply	230V or 120 V
Motor power	1500 Watt (2.0 HP)
Working width	Ø 375 mm (14 3/4")
Speed	140 rpm
Weight	42 kg (93 lbs)

Mod.155 S  
2000 Watt



230 V	112 750 000
120 V	112 750 600

TECHNICAL SPECIFICATION	
Power supply	230V or 120 V
Motor power	2000 Watt ( 2.5 HP)
Working width	Ø 375 mm (14 3/4")
Speed	140 rpm
Weight	50 kg (110lbs)

### Dust Extraction Ring MULTI-VAC

Fits on Columbus Machines  
Mod.135, 145, 155 or  
SPEEDTRONIC

This vacuum-system was developed with the latest "2-Channel Suction System".

If used in combination with a strong vacuum cleaner like the JANVAC, grinding or sanding can be done in one dust free process, so that hardly any dust will be left.

(Dust Extractor  
JANVAC 1600 with  
suction pipe  
see page 24)

CONTENTS:  
Dust Ring with closure-ring,  
velco straps, 2 suction hoses  
and T-Adapter

for Columbus Mod. 135/145/155  
Order-No. 113 700 000

for Columbus Mod. SPEEDTRONIC  
Order-No. 113 710 000

Spare Accessories  
Velcro Strap 38x1530mm (1 3/8"x 5")  
Order-No. 113 700 100

Seal with pipe ring and spring  
Order-No. 113 700 250

Special Equipment  
Adaptor  
for older Columbus-Models  
(with small wheels & foot-rest)  
Order-No. 112 336 100

Vacuum Hose Adapter Ø38/50  
for connecting to JANVAC 3200/4000  
Order-No. 115 097 300



## Sanding Machines and Accessories



### Grinding Plate with Felt

For holding sandpaper discs and also suitable for compressing adhesive on PVC/Linoleum type floor coverings.

for Mod.135/145/155 112 300 001

for SPEEDTRONIC 112 300 600

Plate  
Ø 375 (14 3/4") 112 300 002

Ø 430 (17") 112 801 002

Spare Parts  
Allan Screw 112 200 003

Hex Driver 112 200 006

Disc Wheel 112 200 004

Distance Ring 112 200 005



### Universal Plate

For use with sandpaper discs, sanding gauze discs and abrasive pads.

for Mod.135/145/155 112 334 000

for SPEEDTRONIC 112 334 100

Rubber-coconut-disc  
Ø 375 (14 3/4") 112 334 001

Ø 410 (16") 112 809 001



### Grinding Plate with Rubber Surface

for holding sandpaper

for Mod. 135/145/155 112 306 000

Spare Rubber Plate  
Ø 375 (14 3/4") 112 306 010



### Sandpaper double-sided

Pack of 10 pcs. (price per pcs.)

Ø 375 (14 3/4") for Mod.135/145/155

Grit 12 112 309 000

Grit 16 112 311 000

Grit 24 112 312 000

Grit 30 112 313 000

Grit 40 112 314 000

Grit 60 112 315 000

Grit 80 112 316 000

Grit 100 112 317 000

Grit 120 112 318 000

Ø 430 (17") for non Columbus machines

Grit 16 112 611 000

Grit 24 112 612 000

Grit 30 112 613 000

Grit 40 112 614 000

Grit 60 112 615 000

Grit 80 112 616 000

Grit 100 112 617 000

Grit 120 112 618 000

Ø 400 (16") for non Columbus machines

Grit 16 112 511 000

Grit 24 112 512 000

Grit 30 112 513 000

Grit 40 112 514 000

Grit 60 112 515 000

Grit 80 112 516 000

Grit 100 112 517 000

Grit 120 112 518 000



### Sandpaper double-sided full plastic, red

Pack of 10 pcs. (price per pcs.)

Ø 375 (14 3/4") Mod.135/145/155

Grit 12 112 324 000

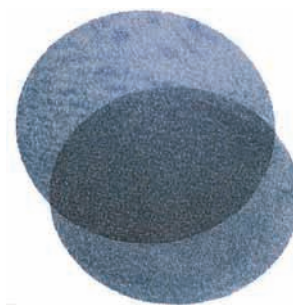
Grit 16 112 310 000

Grit 24 112 325 000

Grit 30 112 326 000

Grit 40 112 327 000

Grit 60 112 328 000



### Grinding Gauze

Pack of 10 pcs. (price per pcs.)

Ø 410 (16") for Mod.135/145/155

Grit 60 783 000 045

Grit 80 783 000 047

Grit 100 783 000 050

Grit 120 783 000 055

Grit 150 783 000 057

Grit 180 783 000 060

Grit 220 783 000 062

Grit 320 783 000 064



### Sanding Mats

Gr. 40 coarse for sanding wood  
Gr. 80 medium for between treatment sanding  
Gr.280 fine for cutting sealed floor surfaces

for Mod.135/145/155

Grit 40 783 000 140

Grit 80 783 000 180

Grit 280 783 000 280



### Pad Mounting Plate

For mounting of sanding mats and pads to take grinding gauze.

for Mod.135/145/155 783 000 040

Black Pad  
For fixing grinding gauze  
for Mod.135/145/155 783 000 015

for Mod.165 112 807 015

Velcro Top  
for Mod.135/145/155 783 000 041

for Mod.165 112 807 001



### Stone Disc Grit 30

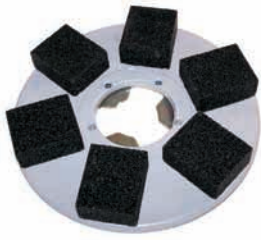
For grinding of plaster and levelling compound.

for Mod.135+145+155 112 330 030

Spare Parts  
Stone Disc Grit 30 112 341 041

Special Glue 112 350 000

## Sanding Machines and Accessories



**Grinding Plate**  
with 6 Rectangular Grinding Stones,  
replaceable 75 x 90 mm (3 x 3 1/2"),

For grinding of plaster and levelling compound, removal of residual paint and gypsum, smoothing of slight unevenness.

for Mod.135/145/155 112 332 000

Replacement Stone with tapped hole  
Grit 20 161 515 003

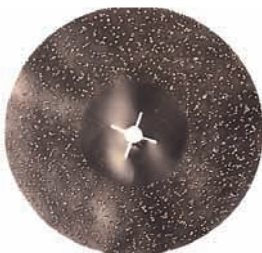


**Grinding Plate Grit 16**  
with 5 truncated, conical stones,

For grinding of screed and hard plaster, asphalt and concrete. Good grinding rate due to high area edge width of hollow conical stones. Removes unevenness, soft spots, coatings and residual filling plaster.

for Mod.135/145/155 112 346 000

Replacement Parts  
Grinding Stone, Grit 16 112 346 001



### Abrasive Disc

A thin steel disc with randomly scattered hard metal fragments welded to the surface.

For roughing the surface of anhydrite and screed. Also suitable for levelling off surface irregularities.

Ø 375 (14 3/4") Mod. 135/145/155  
Grit 14 112 308 000

Grit 24 112 308 024

Grit 36 112 308 036

Ø 400 (15 3/4") non columbus machines  
Grit 14 112 520 000

Grit 24 112 520 024

Ø 430 (16 3/4")  
Grit 14 112 815 000

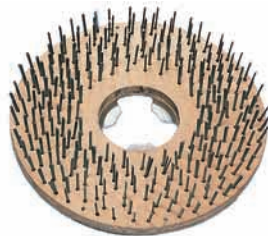


**Plate**  
with 6 Pot Brushes

For removal of the metallic layer that builds up between anhydrite and magnesite screed materials. Also for the removal of residual foam-backing, plaster splatter, residual paint coatings etc. and the removal of adhered underlay.

for Mod.135/145/155 112 322 000

Replacement Parts  
1 piece 112 321 003



**Steel Brush**  
Wire length 45 mm (1 3/4")

For removal of foam backing, adhered residual underlay and carpet backing for industrial floor cleaning.

for Mod.135/145/155 112 319 000

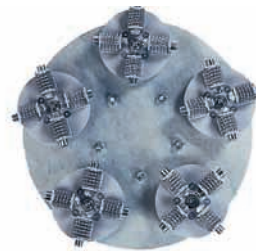


**Roughening Plate**  
with 4 hard metal flats, very coarse Grit 10

For removal of residual adhesive (Dampening with water assists cooling without reducing abrasiveness). For removal of paint, paint-on coatings and insulating screeds. Roughening of industrial floors. The grinding smooth of hardened anhydrite screeds.

for Mod.135+145+155 112 336 000

Replacement Parts  
Hardmetal Flats, set of 4 112 336 010



**Star-Wheel Grinding Plate with 5 rotating Heads**

of 20 wheels each

For the effective scraping, peeling and removal of adhesive and various coatings as well as thin set and mastic.

for Mod.145 SH + 155 112 339 000

Replacement parts  
Grinding Head, complete 112 339 100

Set of 20 Grinding Wheels 112 339 110

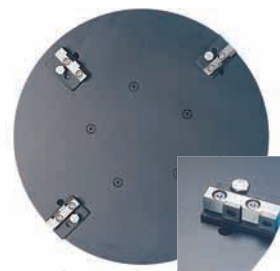


**Abrazor Diamond Plate**  
with 5 Diamond Cups on Ball Bearings

For superior grinding, sanding and bevelling on hard surfaces like concrete and coated levelling compounds. The 5 Diamond Cups are stabilized so that they work in unison.

Ø 375 (14 3/4") Mod.145SH+155 112 357 000

Diamond Cup (1pcs.) 112 357 100



**Grinding Plate**  
with 8 Hardmetal Titanium coated Insets

Each inset is usable on 4 sides. For removal of residual adhesive (also bitumen) or other adhered surface covering material. The hardmetal inserts can be adjusted to make use of all 4 cutting edges in turn.

for Mod.145SH+155 112 343 000

Replacement Parts Hardmetal Inset set of 8 112 343 001



**Hexa-Plate**  
with 12 Carbide-Hexpins

designed with a replaceable, four-sided, abrasion resistant, carbide insert to be used for scraping and removal of coatings and paints from concrete surfaces.

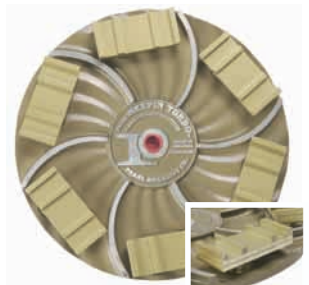
for Mod.145 SH + 155 S 112 355 000

Replacement parts  
Carbide Hexpin 112 355 020

Carbide Insert 112 355 050

Pin 112 355 005

Spring 112 354 006



**Hexa-Plate**  
with 6 Diamond-Segments  
Grinding of hard surfaces such as concrete or levelling compounds seems to be more effective than using other diamond plates due to the larger area covered. It also proves more effective when grinding plaster and anhydrite screed.

for Mod.145 SH + 155 112 353 000

Replacement parts  
Diamond Segment complete with input unit  
1 pcs. 112 353 020

Replacement Diamond Segment  
1 pcs. 112 353 010

All discs and plates can be used on SPEEDTRONIC as well !

## Sanding Machines and Accessories

## Pads for columbus machines

<b>Pad BLACK</b>	for fixing grinding gauze and for cleaning
<b>Pad BROWN</b>	for removal of stubborn dirt
<b>Pad BLUE</b>	for cleaning
<b>Pad RED</b>	medium for cleaning and polishing
<b>Pad GRÜN</b>	for cleaning
<b>Pad BEIGE</b>	for oiling
<b>Pad WHITE</b>	for polishing of lino or pvc floors and for oiling
<b>Pad GREEN (micro)</b>	for mirrorfinish
<b>Sheep wool</b>	for mirrorfinish

## Columbus Mod.125

Polyester Pads Ø 320 (12 1/2") (thick)		Normal-Pads Ø 320 (12 1/2") (thin)	
brown	782 000 010	black	782 000 070
red	782 000 030	green	782 000 080
white	782 000 040	beige	782 000 090

## Columbus Mod.135/145/155 and SPEEDTRONIC

Polyester Pads Ø 410 (16") (thick)		Normal-Pads Ø 410 (16") (thin)	
black	783 000 360	black	783 000 015
brown	783 000 370	brown	783 000 017
blue	783 000 380	green	783 000 016
red	783 000 390	beige	783 000 019
white	783 000 400	white	783 000 018



## Thermopad E 430/ Columbus Mod.165

Polyester Pads Ø 430 (16 7/8") (thick)		Normal-Pads Ø 430 (16 7/8") (thin)	
brown	112 807 023	black	112 807 015
red	112 807 025	beige	112 807 030
white	112 807 026		
green (microfibre)	112 820 000		
Sheep wool	112 821 000		

## Sanding machine BS 250

**Sanding machine with Ø 250 mm (9 7/8") working width for effective surface preparation of small and medium floors**

Floor levelling, preparation before coating, removal of coating defects or adhesives

## Features:

- Single-head grinding machine Ø 250 mm (9 7/8")
- Designed for small to medium horizontal surfaces
- Can grind right up to the edge
- Dust free (if connected to a convenient dust extractor JANVAC)
- Adjustable grinding depth
- Easy and comfortable to use, no vibrations



inclusive 50mm dust extraction connection for dust extractor JANVAC

Order-No. 112 980 000

## TECHNICAL SPECIFICATION

Power supply	230 V
Motor power	2200 W (3HP)
Working Width	250 mm (9 7/8")
Disc speed	1440 U/min
Weight	70 kg (154.3 lbs)

## Accessories

Ø 250 mm (9 7/8"):

## Diamond grinding plate NINJA

**Blue**  
hard bond  
for soft floors



Order-No. 112 980 100

**Red**  
soft bond  
for hard concrete surfaces



Order-No. 112 980 120

**Green**  
medium bond  
for varying hard floors



Order-No. 112 980 110

**Star Wheel Grinding Plate**



Order-No. 112 980 130