



CATALOG 2024 - 2025

NEBES Elettromeccanica S.R.L.

Made in Italy since 1962

COMPANY PROFILE	2
Caption of Symbols	2
BAND SAW MACHINES	3
Inverter Band saws	5
Accessories band saws	15
Band saws with induction motors	16
Toothing choice	26
COLUMN DRILLS	28
Drill accessories	36
Sharpener 33 Affûteur pour forets et mèches	37
BENCH GRINDERS	40
Special Line	41
Industrial aluminium line	42
Industrial cast iron line	44
Special bench grinders with tilting work	46
Grinder- sharpening tool with water wheel	47
COMBINED MACHINES	48
Special Line	50
Industrial aluminium line	51
Industrial cast iron line	53
POLISHERS	56
Special Line	58
Industrial aluminium line	59
Industrial cast iron line	60
Heavy-duty polisher with Double Motor	64
DEBURRING/GRINDING	66
Band sander with and without stand	67
Grinders/Deburring	73
Expansion rubber-rolls sander/polisher	74
Dimension Chart	75
DUST EXTRACTORS	76
ACCESSORIES	77

COMPANY PROFILE

Nebes was founded in July 1960.

The solid position acquired in the decades of intense production activity allowed **Nebes** to act as a leading company in industry globalisation context, developing a range of top quality machines.

Nebes is now the ideal partner for anyone looking for the right price/performance ratio both concerning bench grinders and metal cutting saw machines.

The **QUALITY** characterising **Nebes** branded machines is not only a synonym of safety and reliability but also an unavoidable value. From raw materials to production cycle **Nebes** assures outstanding development of simple ideas into top performance products.

Bench grinders, polishing and combined machines show the 60% less of vibrations compared to mass-consumption products.

Nebes is very proud to be one of the few companies worldwide offering its customers up to 10 years warranty on all mechanic parts (see product sheet)



1960



2019



2022

CAPTION OF SYMBOLS



INVERTER



INDUCTION

Motor types



NSR: noise reduction system



Warranty extension NEBES



ZERO DUST

Dust Extraction System

BAND SAW MACHINES



TRANSPORTABLE AND SEMITRANSPORTABLE Band saw machines

- ✓ 30% longer blade duration due to absence of vibrations
- ✓ 0,25mm of precision on h100 cut
- ✓ 1 year warranty on all mechanic components
- ✓ 1335 and 1440 mm blade development.
Transportable band saw machines represent the answer to everyday needs of professional users during their transfers in worksites
- ✓ 1735 mm blade development. Semi-transportable band saw machines have been designed for craftsmen and professionals who work on medium profiles and thicknesses but look for saw machines able to stand intense and continuous working peaks.



INDUSTRIAL Band saw machines

- ✓ 30% longer blade duration due to absence of vibrations
- ✓ 0,03mm of precision on h100 cut
- ✓ 3 years warranty on all mechanic components
- ✓ 2040, 2080 and 2450 mm blade development. They are the flagship of European saw machines. Cutting precision is unprecedented: less than 3 cents of millimeter squareness on 100 mm cut.
- ✓ TM275 CD controlled drop model is equipped with the exclusive hydraulic brake that allows to keep a constant speed in arc dropping.



INVERTER MOTOR

All Inverter range models are equipped with the exclusive S.R.R (Noise Reduction System) patent that, on a permanent magnet motor with direct current, controlled by an INVERTER, assures 60% noise reduction: it represents a new characteristic on a worldwide basis; NEBES is the first company that has applied and patented it. Other important features characterising NEBES machines are the following:

- ✓ Very low heating of motor and rotary parts, due to lower number of Evolutions of the rotor (from 1800 to 4000 rev/min)
- ✓ Lower number and higher thickness of gears for a very long mechanical tranquillity
- ✓ Brushes replacement after about 1500 working hours
- ✓ Cast iron pulleys: they allow to use lubrorefrigerant sprays during cut.



INDUCTION MOTOR

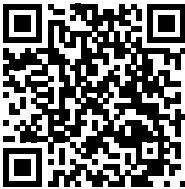
Induction motor develops a fixed and constant (about 3000 rev/min) number of revolutions and needs a gear reducer in order to offer all the necessary couple. It is characterised by a total absence of maintenance in that no brushes or carbon items shall be replaced. It is available with one or two speeds and it is the ideal value for intensive use, for anyone who looks for an endless machine. Nebes was founded more than fifty years ago as manufacturer of induction motors and developed in time a deep knowledge reaching the conception and assembly of high performance and compact motors.



TM85

Blade 1335 mm

The TM-85 metal belt saw boasts an aluminum structure, a practical design and a lock device for transport. A powerful engine with big heat exhaust outlets to prolong the machine's life cycle.



Cutting capacity		0°	45°
Round	○	ø 85 mm	ø 70 mm
Square	□	85x85 mm	70x70 mm
Rectangular	▭	85x105 mm	65x75 mm

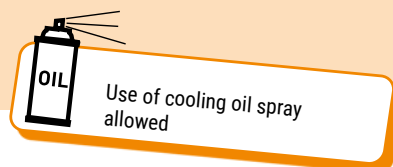


- Structure in aluminum
- Cast-iron clamp
- Cutting angle from 0° to 45°
- Variation of cutting speed through an electronic variator
- Not equipped with noise reducer
- Arch-lock device for easy transport
- Base with no-scratch feet
- Rubber-lined aluminum pulleys
- Not authorized for use of cooling lubricant oil sprays



Art.	Hp	W	TOOTH PITCH pas Z	CUTTING SPEED	BLADE SIZE mm	WEIGHT NET	WEIGHT GROSS Pallet	DIMENS. cm packaging cm
TM85	1,3 - 1~	1000	8/12	30+80	1335x13x0,65	19	21	72x36x46

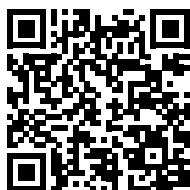
Spare blades: 1335x13x0,65 – MINIMUM QUANTITY 5 PCS



TM101 PLUS

Blade 1335 mm

Suitable for people who frequently move and are particularly careful to quality/price ratio.



Separate blade holder

Cutting capacity		0°	45°
Round	○	∅ 105 mm	∅ 70 mm
Square	□	105x105 mm	60x60 mm
Rectangular	▭	102x105 mm	60x70 mm

- Aluminium structure
- Adjustable cutting angle ranging from 0° to 45°
- Continuous cutting speed change
- Arc-shaped body frame locking device making the structure easy to transport
- Overdimensioned piece locking vice made from cast iron and aluminium, with steel inserts
- Base with non-scratch feet
- Like all Nebes sawing machines, this machine is also equipped with cast iron pulleys: dry cutting or cutting process by means of lubro-refrigerant sprayers.



Art.	Hp	W	TOOTH PITCH pas Z	CUTTING SPEED	BLADE SIZE mm	WEIGHT NET	WEIGHT GROSS Pallet	DIMENS. cm
TM101 PLUS	1,35 - 1~	1010	8/12	30+80	1335x13x0,65	21,5	22,5	73x38x45

Spare blades: 1335x13x0,65 - MINIMUM QUANTITY 5 PCS



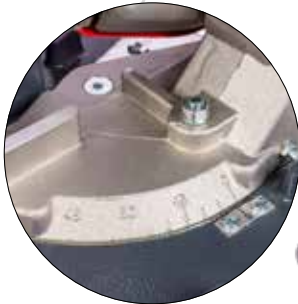
TM 105 MI
Blade 1140 mm

Nebes decided to propose again on the market the band saw that marked an era. The main hallmark: totally MADE IN ITALY and really high quality.



Cutting capacity		90°	45°
Round	○	ø 100 mm	ø 55 mm
Square	□	90x90 mm	45x45 mm
Rectangular	▭	100x105 mm	55x60 mm

- Portable
- Great engine power 1800 W
- Gear transmission with long-lasting lubricants
- Automatic tape tensioning
- Electronic speed variator with torque control
- Oversized steel vice
- Sliding blade guide
- Rubber coated pulleys



Art.	Hp	W	TOOTH PITCH pas Z	CUTTING SPEED	BLADE SIZE mm	WEIGHT NET	WEIGHT GROSS Pallet	DIMENS. cm packaging cm
TM105MI	2,4 1~	1800	8/12	20:110	1140x13x0,65	19 kg	20 kg	62x53x58h

Spare blades: 1140x13x0,65 - MINIMUM QUANTITY 5 PCS





PORTABLE TM 105 MI

Blade 1140 mm

Nebes has decided to offer the TM105 MI portable version without basement. The main distinguishing marks: totally **MADE IN ITALY**, easy to use but in the meantime strong.

It offers the possibility to work on any material and follow you in every place!



Cutting capacity		
Round	○	ø 100 mm
Rectangular	□	100x105 mm

- Portable
- Powerfull motor 1800 W
- Gear transmission with long life lubricants
- Automatic belt tensioning
- Electronic speed variator with torque control
- Sliding blade guide
- Safety switch



Art.	Hp	W	TOOTH PITCH pas Z	CUTTING SPEED	BLADE SIZE mm	WEIGHT NET	WEIGHT GROSS Pallet	DIMENS. cm packaging cm
TM105MI-P	2,4 1~	1800	8/12	20:110	1140X13X0,65	9	11	65x30x36

Spare blades: 1140x13x0,65mm - MINIMUM QUANTITY 5 PCS

OIL
Use of cooling oil spray allowed

TM125 Inverter
Blade 1440 mm

that are looking for maximum precision: 0,30 mm precision on h100 mm cut



Separate blade holder

Cutting capacity		0°	45°	60°
Round	○	ø 125 mm	ø 85 mm	ø 50 mm
Square	□	120X120 mm	80X80 mm	50x50 mm
Rectangular	▭	125X120 mm	80X110 mm	50x90 mm

- Aluminium structure
- Adjustable cutting angle ranging from 0° to 60°
- Electronic variable speed and thermal protection, preventing eventual motor overload
- Quick-clamping arc device for an easier trasportation
- Extra large vise in cast iron and aluminum with steel facings.
- Anti-scratch base with rubber feet.
- Cast iron pulleys without rubber facings makes them everlasting.
- Double conic ball bearings and eccentric flange for maximum cutting precision.



Art.	Hp	W	TOOTH PITCH pas Z	CUTTING SPEED	BLADE SIZE mm	WEIGHT NET	WEIGHT GROSS Pallet	DIMENS. cm
TM125 INV	1,35 - 1~	1010	8/12	30+80	1440x13x0,65	22	23	73x38x45

Spare blades: 1440x13x0,65 - MINIMUM QUANTITY 5 PCS





TM 125 MI

Blade 1440 mm

New entry completely MADE IN ITALY with high performance and very durable structure.

Recommended for those who move frequently and ask a very sturdy and resistant machine.



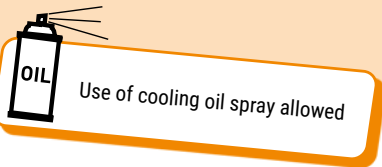
Cutting capacity		0°	45°	60°
Round	○	ø 125 mm	ø 102 mm	ø 60 mm
Square	□	115x115 mm	90x90 mm	60x60 mm
Rectangular	▭	130x115 mm	90x110 mm	60x90 mm

- Electronic speed controller
- Die-cast aluminum base
- Adjustable angle from 0° to 60°
- Gear reducer with long-lasting grease
- Automatic tape tensioning
- Sliding blade guide
- Arc locking system
- Fully metal stopbar



Art.	Hp	W	TOOTH PITCH pas Z	CUTTING SPEED	BLADE SIZE mm	WEIGHT NET	WEIGHT GROSS Pallet	DIMENS. cm packaging cm
TM125MI	2,4 1~	1800	8/12	20+100	1440x13x0,65	19 kg	21 kg	72x36x46h

Spare blades: 1440x13x0,65 – MINIMUM QUANTITY 5 PCS



TM176 Inverter
Blade 1735 mm

Thanks to their aluminium structure this model offer a maximum trasportability and a big cutting capacity.



Guida-Blade separato

Cutting capacity		0°	45°	60°
Round	○	ø 150 mm	ø 100 mm	ø 70 mm
Square	□	140x140 mm	100x100 mm	60x60 mm
Rectangular	▭	140x150 mm	100x140 mm	60x75 mm

- Aluminium structure
- Adjustable cutting angle ranging from 0° to 60°
- Continuous cutting speed change
- Arc-shaped body frame locking device making the structure easy to transport
- Overdimensioned piece locking vice made from cast iron and aluminium, with steel inserts
- Base with non-scratch feet
- Like all Nebes sawing machines, this machine is also equipped with cast iron pulleys: dry cutting or cutting process by means of lubro-refrigerant sprayers.



Art.	Hp	W	TOOTH PITCH pas Z	CUTTING SPEED	BLADE SIZE mm	WEIGHT NET	WEIGHT GROSS Pallet	DIMENS. cm packaging cm
TM176 INV	2,65 - 1~	2000	8/12	30+80	1735x13x0,90	32	39	97x46x70

Spare blades: 1735x13x0,90 - MINIMUM QUANTITY 5 PCS



TM 176 MI

Blade 1440 mm

An Italian alternative to TM176 and TM178 is born. Main features is the maximum compactness and performance and possibility to cut 150 at 0° with 1440 blade.



Cutting capacity		0°	45°
Round	○	ø 150 mm	ø 75 mm
Square	□	125x125 mm	50x50 mm
Rectangular	▭	150x125 mm	70x50 mm

- Electronic speed controller from 25 to 138
- Die-cast aluminum base
- Vice with elongated jaws and metal clasps
- Self-relubrifing bushings
- Adjustable cutting angle from 0° to 45°
- Gear reducer with long-lasting grease
- Automatic tape tensioning
- Sliding blade guide
- Arc locking system



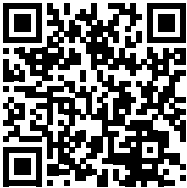
Art.	Hp	W	TOOTH PITCH pas Z	CUTTING SPEED	BLADE SIZE mm	WEIGHT NET	WEIGHT GROSS Pallet	DIMENS. cm packaging cm
TM176MI	1~2,4	1800	8/12	25+138	1440 x 13 x 0,65	35 kg	40 kg	39x72x62

Spare blades: 1440 x 13 x 0,65 – MINIMUM QUANTITY 5 PCS



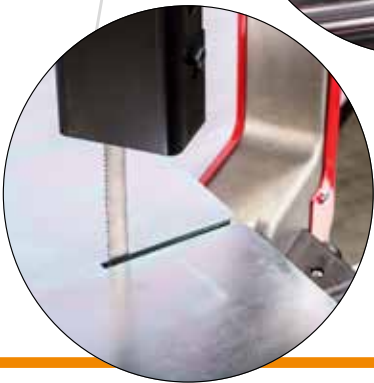
TM 176 MI VERTICAL
Blade 1440 mm

Totally MADE IN ITALY,
enhanced performance, optional stand.



Cutting capacity		0°	45°
Round	○	ø 150 mm	ø 75 mm
Square	□	125x125 mm	50x50 mm
Rectangular	▭	150x125 mm	70x50 mm

- Double electrical system for horizontal or vertical cutting
- Electronic speed controller from 25 to 138 mt/min
- Die-cast aluminum base
- Optional stand
- Steel vice with metal jaws and metal stopbar
- Self-relubrifing bushings
- Cutting angle adjustment from 0° to 45°
- Gear reducer with long-lasting grease
- Automatic tape tensioning
- Sliding blade guide
- Arc locking system



Art.	Hp	W	TOOTH PITCH pas Z	CUTTING SPEED	BLADE SIZE mm	WEIGHT NET	WEIGHT GROSS Pallet	DIMENS. cm packaging cm
TM176MI VERTICAL	2,4	1800	8/12	20:110	1440 x 13 x 0,65	54 kg	64 kg	37x70x50h

Spare blades: 1440x13x0,65 – MINIMUM QUANTITY 5 PCS





Use of cooling oil spray allowed



INVERTER



TM178 Inverter

Blade 1735 mm

Due to the cast iron basement it is recommended for static jobs



Separate blade holder

Cutting capacity		0°	45°	60°
Round	○	∅ 150 mm	∅ 100 mm	∅ 70 mm
Square	□	140x140 mm	100x100 mm	60x60 mm
Rectangular	▭	140x150 mm	100x140 mm	60x75 mm

- Cast iron structure
- Adjustable cutting angle ranging from 0° to 60°
- Electronic variable speed and thermal protection, preventing eventual motor overload
- Cast iron and over-dimensioned piece blocking vice and base
- Wheel handle for rapid vice tightening
- Adjustment of blade's vertical lowering by eccentric ring nut with double conic bearing
- Spring return of adjustable head
- Redundant motor with power reserve



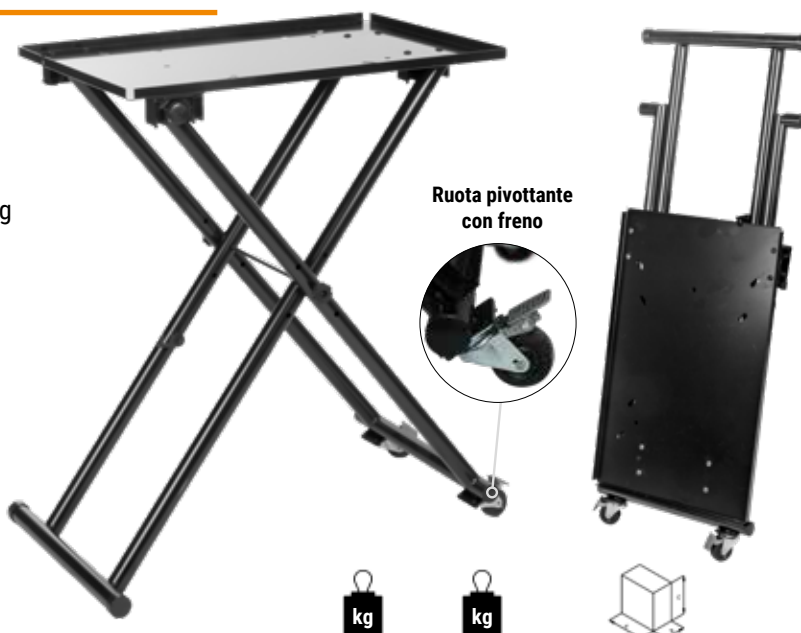
Art.	Hp	W	TOOTH PITCH pas Z	CUTTING SPEED	BLADE SIZE mm	WEIGHT NET	WEIGHT GROSS Pallet	DIMENS. cm
TM178 INV	2,65 - 1~	2000	8/12	30+80	1735x13x0,90	57	64	97x46x70

Spare blades: 1735x13x0,90 - MINIMUM QUANTITY 5 PCS

STAND

for TM101 - TM125 - TM176

Foldable moving stand for portable band saw machines Nebes, can be positioned in three different highs. Can be used as a trolley, thanks to the two rubber wheels. A safety locking system fix the stand to prevent injuries to the operator. Wheels are equipped with brake, for maximum stability.



Art.	WEIGHT NET	WEIGHT GROSS Pallet	DIMENS. cm
ST1 - Stand for TM101-125-176	10	11	46x120x10

ACCESSORIES

for Band saw machines

Art.	modello	PESO NETTO	PESO LORDO Bancale	DIMENS. cm
RU1 - Roller stand 1 m	for every model except TM310	17	18	102x38x20
2° feet	exit connection for all model (for TM195 can be used also as incoming connection)	6	7	73X38X14
BA1 - stand	for TM176 - 178	15	16	38X48X71,5
Incoming connection braket	for every model except TM195	4,5	5,5	35X23X29

RU1 - Roler conveyor 1 m



2° optional support

Needed to install the roller stand on outgoing side on TM176, TM178, TM177LUBRI, TM195, TM205, TM210, TM275 inverter



BA1 Stand for TM176-178

ACCESSORIES

TM310

Art.
RU2 - Roller stand 2 m - TM310
RU2E - Extension 2 m
OPTIONAL STOP BAR 2 m
Incoming connection TM310
Exit connection TM310

NB: The standard STOP BAR can no longer be used by purchasing an output roller conveyor. In this particular case we recommend OPTIONAL STOP BAR.

TM195 Inverter

Blade 2040 mm

The smallest industrial belt saw having a 170 mm cutting capacity, forced lubrication and a base made of reinforcing sheet metal. Suitable for occasional heavy-duty usage.



Wheel handle for rapid vice tightening



Coolant tap



Adjustable rear blade rail guide

- Cast iron structure
- Adjustable cutting angle ranging from 0° to 60°
- Lightweight structure with double taper bearing and cam for a cutting precision
- Permanent magnet motor, brushes replacement approximately every 1500 working hours
- Continuous cutting speed change
- Practical belt tension adjustment system
- Single-phase supply 230 volt

Cutting capacity		0°	45°	60°
Round	○	ø 170 mm	ø 130 mm	ø 80 mm
Square	□	170x170 mm	130x130 mm	80x80 mm
Rectangular	▭	180x170 mm	130x130 mm	80x80 mm



V



mm



Art.	Hp*	W*	TENSIONE	TOOTH PITCH pas Z	VELOCITÀ TAGLIO	SIZE Blade mm	MAX AP.	WEIGHT NET	WEIGHT GROSS Pallet	DIMENS. cm
TM195 INV	2,65 - 1~	2000	230	6/10	30+80	2040x20x0,90	180	107	115	103x65x95

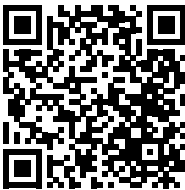
* Since we are speaking about DC motors, the power values being indicated herein shall be considered as equivalent powers referred to AC motors. In the latter case, the actual consumption is approximately lower than to 50 %.

Spare blades: 2040x20x0,90 - MINIMUM QUANTITY 5 PCS



TM 195 MI
Blade 1900 mm

Known throughout history as the EV996 model, NEBES re-proposes the MADE IN ITALY stationary this band saw machine. 100% MADE IN ITALY. The main feature is the extreme practicality and great optimization of the spaces.



Cutting capacity		0°	45°	60°
Round	○	ø 160 mm	ø 125 mm	ø 80 mm
Square	□	160x160 mm	115x115 mm	50x50 mm
Rectangular	▭	160x150 mm	110x160 mm	100x50 mm

- Double speed
- Low voltage panel
- Aluminum structure
- Possibility of choosing the power supply
- Automatic blade tension adjustment
- Big vise and extremely accurate
- Integrated coolant pump



Art.	Hp	W	TOOTH PITCH pas Z	CUTTING SPEED	BLADE SIZE mm	WEIGHT NET	WEIGHT GROSS Pallet	DIMENS. cm packaging cm
TM195MI-MF	1~	600/820	6/10	37/70	1900x20x0,9	102 kg	112 kg	95x53x126h
TM195MI	3~	600/820	6/10	37/70	1900x20x0,9	102 kg	112 kg	95x53x126h

Spare blades: 1900x20x0,9 – MINIMUM QUANTITY 5 PCS



TM205 Inverter

Blade 2080 mm

It offers manual and semiautomatic cutting cycle in order to cut without any operator.



Wheel handle for rapid
vice tightening



Electric board



Hydraulic brake



Stopping micro-switch

- Cast iron structure
- Adjustable cutting angle ranging from 0° to 60°
- Vise, bench and arc completely made of cast iron
- 24 volt electric box
- Elettronic pump for water cooling system
- Variable cutting speed
- Blade tension gauge
- Hydraulic cylinder to adjust cutting head downfeed speed

Cutting capacity		0°	45°	60°
Round	○	ø 185 mm	ø 120 mm	ø 60 mm
Square	□	185x185 mm	100x100 mm	60x60 mm
Rectangular	▭	200x140 mm	100x100 mm	60x60 mm



mm



kg



kg



Art.	Hp*	W*	TENSIO-NE	TOOTH PITCH pas Z	VELOCITÀ TAGLIO	SIZE Blade mm	MAX AP.	WEIGHT NET	WEIGHT GROSS Pallet	DIMENS. cm
TM205 INV	3,30 - 1~	2500	230	6/10	30+80	2080x20x0,90	205	180	200	84x124x95

Please note these machines are equipped with permanent magnets motor: so, the effective electrical consumption (watt) is 50% less than the nominal motor power indicated.

Spare blades: 2080x20x0,90 - MINIMUM QUANTITY 5 PCS



INVERTER

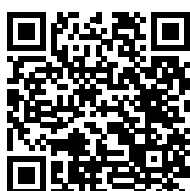


GARANZIA
1
WARRANTY

TM275 Inverter

Blade 2450 mm

Recommended for all those users that, in addition to the maximum cutting capacity, look for a tool that can operate with batch workloads on multiple materials.



Electric board

- Cast iron structure
- Adjustable cutting angle ranging from 0° to 60°
- Cast iron frame with big dimensions rapid vice and piece tightening wheel handle
- Electric pump for blade lubrication and refrigeration
- Blade guide blocks made of hard metal for an extreme precision and unlimited duration
- Variable and pre-selectable cutting speed
- Deviator for cooling pump shutoff
- 230Volt single-phase feeding

Cutting capacity		0°	45°	60°
Round	○	ø 220 mm	ø 150 mm	ø 90 mm
Square	□	200x200 mm	150x150 mm	90x90 mm
Rectangular	▭	230x185 mm	150x200 mm	90x120 mm



Art.	Hp*	W*	TENSIO-NE	TOOTH PITCH pas Z	VELOCITÀ TAGLIO	SIZE Blade mm	MAX AP.	WEIGHT NET	WEIGHT GROSS Pallet	DIMENS. cm
TM 275 INV	4,0 - 1~	3000	230	6/10	30+80	2450x27x0,90	230	216	236	84x145x104

* Trattandosi di motori a corrente continua controllati da un inverter le potenze indicate sono da intendersi come potenze equivalenti rapportate a motori alimentati a corrente alternata. Il consumo effettivo al contatore è quindi circa del 50% inferiore.

Spare blades: 2450x27x0,90 - MINIMUM QUANTITY 5 PCS

TM177 Lubri

Blade 1735 mm

Is the first saw with 1735 mm blade with cooling pump and stand included. Suitable for who is looking for a maximum saving without renounce to high performance.



Coolant tap



Cooling fluid collecting tank

- Cast iron structure
- Adjustable cutting angle ranging from 0° to 60°
- Cast iron and over-dimensioned piece blocking vice and base
- Wheel handle for rapid vice tightening
- Adjustment of blade's vertical lowering by eccentric ring nut with double conic bearing
- Spring return of adjustable head
- Supply with electric pump for blade lubrication and refrigeration and 5L fluide collecting tank.

Cutting capacity		0°	45°	60°
Round	○	ø 150 mm	ø 100 mm	ø 60 mm
Square	□	140x140 mm	100x100 mm	60x60 mm
Rectangular	▭	140x150 mm	100x140 mm	60x75 mm



Art.	Hp*	W*	TOOTH PITCH pas Z	VELOCITÀ TAGLIO	SIZE Blade mm	WEIGHT NET	WEIGHT GROSS Pallet	DIMENS. cm
TM177 LUBRI	0,75 - 1~	550	8/12	70	1735x13x0,90	91	98	97x46x81

** Please note these machines are equipped with permanent magnets motor: so, the effective electrical consumption (watt) is 50% less than the nominal motor power indicated.

Spare blades: 1735x13x0,90 - MINIMUM QUANTITY 5 PCS



INDUCTION

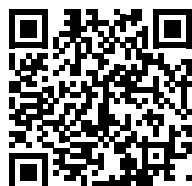


GARANZIA WARRANTY

TM210 Single Phase - Three Phase

Blade 2080 mm

Is the first saw with 1735 mm blade with cooling pump and stand included.



Single Phase



Three-Phase



- Cast iron structure
- Adjustable cutting angle ranging from 0° to 60°
- Cast iron and over-dimensioned piece blocking vice and base
- Wheel handle for rapid vice tightening
- Adjustment of blade's vertical lowering by eccentric ring nut with double conic bearing
- Spring return of adjustable head
- Supply with electric pump for blade lubrication and refrigeration and 5L fluide collecting tank.

Cutting capacity		0°	45°	60°
Round	○	ø 185 mm	ø 120 mm	ø 60 mm
Square	□	180x180 mm	100x100 mm	60x60 mm
Rectangular	▭	200x140 mm	100x100 mm	60x60 mm



mm



Art.	Hp*	W*	TENSIONE	TOOTH PITCH pas Z	VELOCITÀ TAGLIO	SIZE Blade mm	MAX AP.	WEIGHT NET	WEIGHT GROSS Pallet	DIMENS. cm
TM 210 TF	0,8-1,2 - 3~	600/900	400/230	6/10	41/82	2080x20x0,90	205	185	198	85x125x110
TM 210 MF	0,6-0,8 - 1~	450/600	230	6/10	41/82	2080x20x0,90	205	185	198	85x125x110

Spare blades: 2080x20x0,90 - MINIMUM QUANTITY 5 PCS

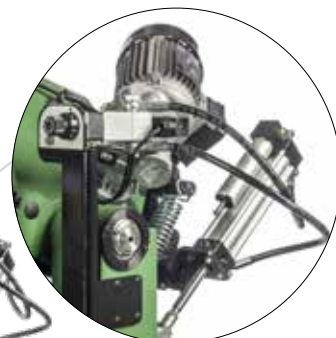
TM275 CD

Blade 2450 mm

Recommended for intensive works, maintaining and increasing blade life, thanks to the hydraulic brake.



Ignition commands



Hydraulic Brake



Manometer



Handle with fast approach button

- Cast iron structure
- Adjustable cutting angle ranging from 0° to 60°
- Vise, bench and arc completely made of cast iron
- Electric pump for lubrication and blade cooling
- Oil-bath blade tensioning manometer
- Two cutting speed on ignition commands
- **Pushbutton for fast workpiece approach** Water cooling system
- Adjustable cutting head downfeed speed
- TCT blade holders



Cutting capacity		0°	45°	60°
Round	○	ø 220 mm	ø 150 mm	ø 90 mm
Square	□	200x200 mm	150x150 mm	90x90 mm
Rectangular	▭	230x185 mm	150x200 mm	90x120 mm



V



mm



Art.	Hp*	W*	TENSIONE	PASSO Z	VELOCITÀ TAGLIO	SIZE Blade mm	MAX AP.	WEIGHT NET	WEIGHT GROSS Pallet	DIMENS. cm
TM 275 CD	1,0/1,3 - 3~	750/975	400 o 230	5/8	46/92	2450x27x0,90	230	245	266	84x145x104

Spare blades: 2450x27x0,90 - MINIMUM QUANTITY 5 PCS

TM275

Blade 2450 mm

Thanks to the dowfeed speed control TM 275 CD the life of the blade will be much longer. Suggested for intensive usage.



- Cast iron structure
- Adjustable cutting angle ranging from 0° to 60°
- Vise, bench and arc completely made of cast iron
- Water cooling system
- Adjustable cutting head downfeed speed
- Oil-bath blade-tensioning manometer
- Deviator for cooling pump shutoff
- Rail guide with hard metal guide blocks



Cutting capacity		0°	45°	60°
Round	○	ø 220 mm	ø 150 mm	ø 90 mm
Square	□	200x200 mm	150x150 mm	90x90 mm
Rectangular	▭	230x185 mm	150x200 mm	90x120 mm



Art.	Hp*	W*	TENSIO-NE	PASSO Z	VELOCITÀ TAGLIO	SIZE Blade mm	MAX AP.	WEIGHT NET	WEIGHT GROSS Pallet	DIMENS. cm
TM 275	1,0/1,3 - 3~	750/975	400 o 230	6/10	46/92	2450x27x0,90	230	244	264	84x145x104

Spare blades: 2450x27x0,90 - MINIMUM QUANTITY 5 PCS



TM300

Blade 2965 mm

Recommended for all those users that, in addition to the maximum cutting capacity, look for an industrial band saw that is suggested for intensive usage. TM300 can handle continuous workloads on multiple materials.



Technical data TM300 and TM310

- Cast iron structure
- Stop bar
- Adjustable cutting angle from 0° to 60° on left and from 0° to 45° on right
- Overdimensionated vice and vice wheel
- Possibility to cut on right and left side
- Lubrorefrigerating pump included
- Rail guide with hard metal guide blocks
- Double speed induction motor
- Micro switch for blade tensioning
- Adjustable stop bar and cleaning blade brush
- Possibility to add 2 meter roller table
- Manual band saw with possibility to cut on right and left side
- Quick clamping lever system
- Micro switch for blade tensioning

Technical data only TM310

- Lock-out device for quick replacement of the vice
- Hydraulic unit for vice control
- Control panel easily accessible
- Removable collection tank
- Semi-automatic band saw
- Possibility to cut on right and left side
- Hydraulic clamp
- Blade effort sensor
- Turntable
- Unlocked clamp for fast turning
- Potentiometer for setting the diameter of the piece to be cut



TM310

Blade 2910 mm

SEMIAUTOMATIC

Recommended for all those users that, in addition to the maximum cutting capacity, look for an industrial band saw that is suggested for intensive usage. This machine, in addition to model TM300 have hydraulic clamp and automatic cutting cycle:

- 1) Clamp get open and closed automatically
- 2) You can adjust cutting speed at the beginning of the cut
- 3) Machine cut and come back to starting position
- 4) Motor stop + opening of the clamp



Cutting capacity		0°	45°	60°	-45°
Round	○	ø 260 mm	ø 240 mm	ø 160 mm	ø 190 mm
Square	□	255x255 mm	215x215 mm	130x130 mm	190x190 mm
Rectangular	▭	295x230 mm	225x215 mm	160x130 mm	190x190 mm



V



mm



Art.	Hp*	W*	TENSIONE	VELOCITÀ TAGLIO	SIZE Blade mm	MAX AP.	WEIGHT NET	WEIGHT GROSS Pallet	DIMENS. cm
TM 300	1,6 - 3~	1200	400	38/76	2965x27x0,9	300	310	317	160x80x170
TM 310	1,6 - 3~	1200	400	38/76	2910x27x0,9	300	420	437	160x75x170

Spare blades: 2965x27x0,9 - MINIMUM QUANTITY 5 PCS

NEBES recommends the use of original Nebes blades.

Below you can find a small-sized table "TROUBLE/CAUSE/CURE" aimed at giving our customers a real and reliable response regarding possible unforeseen events occurring during the cutting process. Of course, the aforementioned response consists of general directions; to carry out a precise evaluation and take a final decision concerning the cure to be put into practice, it is necessary to materially examine for the sawing machine condition.



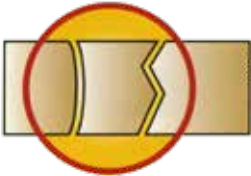
PROBLEMA/ TROUBLE	CAUSA/ CAUSE	SOLUZIONE/CURE
Perdita di qualche dente	Pressione di discesa troppo alta	Diminuire la pressione di discesa
Loss of some teeth	Lowering pressure is too high	Reduce the lowering pressure
	Assenza di adeguato rodaggio	Eseguire il rodaggio Blade come indicato nel manuale di uso
	Lack of a proper running in phase	Carry out the blade running in as provided for herein
	Materiale non perfettamente bloccato	Bloccare saldamente il materiale nella morsa
	Material is not completely locked	Completely lock the material in the vice
	Dentatura troppo larga	Usare dentatura più fitta: almeno 2 denti devono essere sempre in presa
	Too much distance between the teeth	Use a fine toothing: at least 2-teeth shall always be in contact

PROBLEMA/ TROUBLE	CAUSA/ CAUSE	SOLUZIONE/CURE
Rottura dorso Blade	Materiale molto tenero	Aumentare la pressione di discesa
Blade back breakage	Material is too weak	Increase the lowering pressure
	Guida Blade troppo aperti	Ripristinare allineamento guida Blade
	Blade guides are too open	Reset the blade guide alignment
	Blade che fa attrito sul bordo della puleggia	Ripristinare conicità del volano
	Friction encountered by a blade on the pulley rim	Reset the wheel taper

PROBLEMA/ TROUBLE	CAUSA/ CAUSE	SOLUZIONE/CURE
Superficie del taglio ruvida	Blade usurata	Sostituire Blade
Cutting surface is rough	Blade is worn	Replace the blade
	Saldatura Blade non allineata	Sostituire Blade
	Alignment error in the blade weld	Replace the blade
	Velocità di discesa troppo alta o eccessiva velocità del nastro	Diminuire la pressione di discesa o ridurre velocità del nastro
	Too high lowering speed or too high belt speed	Reduce the lowering (or belt) speed



PROBLEMA/ TROUBLE	CAUSA/ CAUSE	SOLUZIONE/CURE
Usura prematura denti (denti stondati)	Velocità Blade non adeguata al materiale da tagliare	Diminuire la velocità della Blade
Premature teeth wear (rounded teeth)	Blade speed is not suited to the material to be cut	Reduce the blade speed
	Denti troppo larghi	Usare dentatura più fitta: almeno 2 denti devono essere sempre in presa
	Too much distance between the teeth	Use fine toothing: at least 2-teeth shall always be in contact
	I denti sono indirizzati nella direzione opposta alla rotazione della Blade	Rovesciare la Blade.
	Teeth direction is opposite to the blade direction of rotation	Turn the blade upside down

PROBLEMA/ TROUBLE	CAUSA/ CAUSE	SOLUZIONE/CURE
Taglio storto	Blade usurata	Sostituire Blade
Distorted cut	Blade is worn	Replace the blade
	Denti rotti nella Blade	Sostituire Blade
	Teeth got broken in the blade	Replace the blade
	Pressione di discesa troppo alta	Diminuire la pressione di taglio
	Lowering pressure is too high	Reduce the cutting pressure
	Velocità Blade troppo bassa	Aumentare la velocità della Blade
	Blade speed is too low	Increase the blade speed

	PROBLEMA/ TROUBLE	CAUSA/ CAUSE	SOLUZIONE/CURE
	Rottura Saldatura	Errata saldatura della Blade	Sostituire Blade
	Weld breakage	Wrong blade welding	Replace the blade

PROBLEMA	CAUSA	SOLUZIONE
Blade esce dalle guide	Saldatura Blade non allineata	Sostituire Blade
Blade goes out of the blade guides	Alignment error in the blade weld	Replace the blade
	Pullegge usurate	Sostituire Pullegge
	Pulleys are worn	Replace the pulleys
	Tensionatura della Blade troppo bassa	Aumentare la tensionatura del nastro
	Tension of the blade is too low	Increase the belt tension

COLUMN DRILLS







TC16B

The motor is brushless

This is the first single-phase benchtop drill included into Nebes range. The motor is brushless – with DC direct drive, it means without pulleys or belt. All this allows really simple and practical operations.



Drilling capacity	Steel 16 mm Cast iron 16 mm
Spindle taper	MT2
Spindle travel	92 mm
Quill diameter	ø 52 mm
Column diameter	ø 80 mm
Transmission	direct (no belt, no pulleys)
Spindle (rpm)	Rpm 200-2.400
Motor	750 W
Table size (L x W)	280x280mm
Width on t-slots	13 mm
Hollow on t-slots	arranged in a cross
Drill dimensions	280x470+1190h (overall dimensions of right-side knobs 410 in protrusion)
Packaging dimension	60x40x108 h
Weight	80 kg



BRUSHLESS





TC19CF

With mechanical variator of speed

That's the smallest drill we have on our catalog. TC19CF is single phase so can be used also in a domestic place. is equipped with belt motor with mechanical variator and it allows to change the rpm in few sec and without opening the carter.



Drilling capacity	Steel 19 mm Cast iron 22 mm
Spindle taper	MT2
Spindle travel	150 mm
Quill diameter	ø 57 mm
Column diameter	ø 75 mm
Transmission	Belt with electronic variator
Spindle (rpm)	Rpm 400 – 5000
Motor	1 hp - 230 V - 50 HZ
Table size (L x W)	455x355 mm
Width on t-slots	14 mm
Hollow on t-slots	135
Drill dimensions	760x580x1803h
Packaging dimension	80x60x200h
Weight	130 kg



MECHANICAL
VARIATOR



GARANZIA
1
WARRANTY



TC25IM

Inverter motor

This drilling machine is equipped with inverter motor. TC25IM have also tapping function and it is possible to add the lubrorefrigerant pump as per optional. Like any other Nebes machine, TC25IM offers very high performance and it is suitable for professional



**PUMP AS
OPTIONAL**

Drilling capacity	Steel 25 mm Cast iron 32 mm
Tapping capability	Steel 16 mm Cast iron 19 mm
Spindle taper	MT3
Spindle travel	135 mm
Quill diameter	ø 62 mm
Column diameter	ø 92 mm
Transmission	Inverter
Spindle (rpm)	Rpm 150 – 3000 shows on frontal display
Motor	2 hp - 400 V - 50 HZ
Table size (L x W)	460x362mm
Width on t-slots	14mm
Hollow on t-slots	134
Drill dimensions	915x460x1860h
Packaging dimension	80x60x190h
Weight	220 kg





TC25ITG

With electronic speed variator

TC25IG is equipped with electronic speed variator and 2 position gamma range in order to increase torque at low rpm. This drilling machine is equipped with turntable and vise for high precision. Lubrorefrigerant pump as optional.



TAPPING NOT ALLOWED

Drilling capacity	25 mm
Spindle taper	MT3
Spindle travel	125 mm
Quill diameter	Ø 62
Column diameter	Ø 92
Transmission	Belt with gear range and electronic variator/
Spindle (rpm)	150 - 2500
Motor	2 hp – 400V – 50 Hz
Table size (L x W)	29 x 40
Width on t-slots	2x14mm
Hollow on t-slots	104
Drill dimensions	820x490x1940h
Packaging dimension	80x50x195h
Weight	173 kg





TC32IMA

For industrial use

This model TC32 IMA is professional column drill for industrial use. It has the double function of drilling and tapping. The downfeed can be automatic with 4 preset speeds. It is a drill with important dimensions, suitable for intensive use.



**LUBRICANT
PUMP INCLUDED**

Drilling capacity	Steel 32 mm Cast iron 35 mm
Tapping capability	Steel 16 mm Cast iron 16 mm
Spindle taper	MT3
Spindle travel	148 mm
Quill diameter	ø 75 mm
Column diameter	ø 92 mm
Transmission	Inverter
Spindle (rpm)	Rpm 150 – 2500
Motor	2 hp - 400 V - 50 Hz
Table size (L x W)	500x400mm
Width on t-slots	14mm
Hollow on t-slots	88
Drill dimensions	85x64x185 h
Packaging Dimension	95x65x205h
Weight	265 kg



INVERTER



GARANZIA
1
WARRANTY



TC32IMTG

With inverter motor

Perfect choice for who is looking for strong performance. TC32IMTG is equipped with powerfull inverter motor, turntable and vise for high precision. Lubrorefrigerant pump included.

Drilling capacity	32 mm
Spindle taper	MT3
Spindle travel	140 mm
Diametro canotto mandrino	Ø 62
Column diameter	Ø 102
Transmission	Inverter
Spindle (rpm)	Rpm 80 - 2500
Motor	2 hp – 400V – 50 Hz
Table size (L x W)	320x480 mm
Width on t-slots	2x 14
Hollow on t-slots	115
Drill dimensions	108x56x200 h
Packaging Dimension	110x55x20 0h
Weight	285 kg



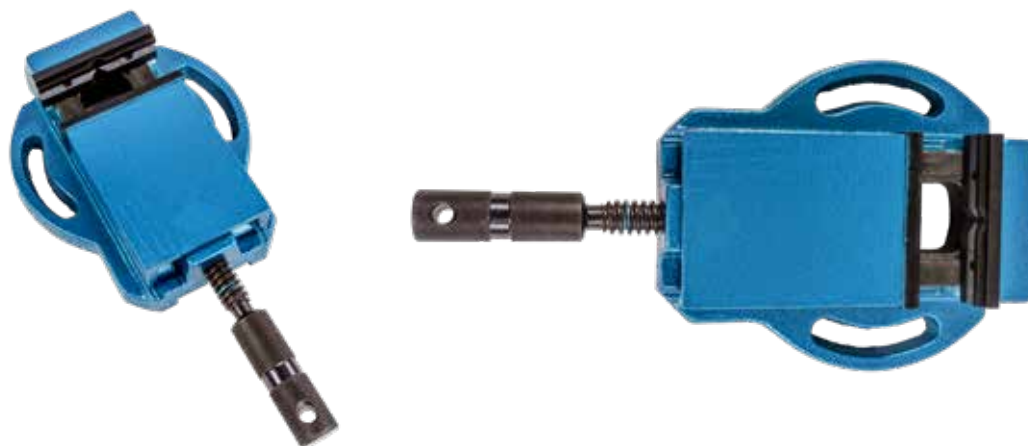


COMPARATIVE TABLE DRILLS

	TC16B	TC19CF	TC25IM	TC25ITG	TC32IMA	TC32IMTG
Transmission	brushless	MECHANICAL VARIATOR	inverter	electronic variator	inverter	inverter
Drilling	x	x	x	x	x	x
Tapping function			x		x	x
Turntable and vise				x		x
Lubricant pump	-	-	opzionale	opzionale	included	included
Automatic advance					x	
Power supply	1hp 230V 50 Hz	1hp 230V 50 Hz	2hp 400V 50Hz	2hp 400V 50Hz	2hp 400V 50Hz	2hp 400V 50Hz
Milling					x	x

DRILL ACCESSORIES

Vice suitable for all our drill models



	Jaw width	Opening	Weight (kg)
N/42	80	80	4
N/43	100	110	9
N/44	120	150	16



AP-1
SHARPENER

The machine AP-1 is designed for easy installation and usage. It is the right product for anyone who needs to sharpener bits from 2 till 13 mm (or 18 mm as optional). Is is equipped with HSS diamond wheel.



- Permanent magnet motor
- Compact size
- Strong steel base
- High precision
- Adjustable angle from 0° to 180°
- Possibility to add many optional item



Art.	W	RPM	WHEEL	NET Weight	GROSS Weight	DIMENS. CM
AP-1	200	5000	79x10x15	11	12	25x37x27

AP-1 - ACCESSORIES LIST

SHARPENER

CHUCK + COLLET SET

for drill bit diameters from 14mm to 18mm

Serves to extend sharpening capacity
(14 15 16 17 18 mm)



CHUCK + COLLET SET

to decimal measures

Used for sharpening with greater precision
(3,5 4,5 5,5 6,5 7,5 8,5 9,5 10,5 11,5 12,5 mm)



POSITIONER/ALIGNER

for tip with magnifying glass and LED lighting

Serves for greater precision when positioning the drill (especially small drill bits),
(operation with 3 AAA ministyl batteries)



WHAT IS THE DIFFERENCE BETWEEN OUR AP-1 BIT SHARPENER AND THOSE OF COMPETITORS?



Watch the
demonstration video on
our Instagram page and
follow us!!

POSITIONING

OTHER TYPES:

Scaled positioning.
The bit may not be visible while placing the edges.
The alignment system is not precise and fast



NEBES AP-1

Quick positioning of Mandrel set:

ALIGNMENT SYSTEM QUICK
VISIBLE MULTIFUNCTION



NEBES AP-1

LENS and LED LIGHTING
option for smaller bits



SHARPENING

OTHER TYPES:

Grinding on the external diameter

Utensil

Grinding of the external diameter

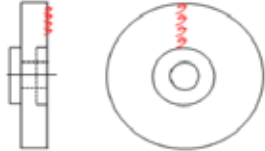


NEBES AP-1

Grinding on the lateral plane (enhancing the sharpening capacity of bits up to 18mm)

Utensil

Grinding plane



SHAPE OF THE DRILL BIT AFTER SHARPENING

OTHER TYPES:



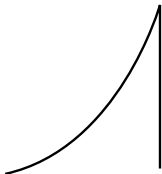
NEBES AP-1



GRINDING SURFACE

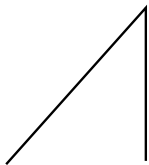
OTHER TYPES:

Little leftover material



NEBES AP-1

More leftover material, therefore greater thickness and strength of the cutting edge



DRILLING TIMES

OTHER TYPES: 60 HOLES

NEBES AP-1: 300 HOLES

REPAIRING THE WEAR ON THE POSITIONING BLOCK

OTHER TYPES:

Send back to factory for repairs

NEBES AP-1:

There's no need. The user can replace it independently

REPLACEMENT OF THE DIAMOND CROWN

OTHER TYPES:

You need pliers and compasses

NEBES AP-1:

You only need an Allen key which we supply!

MANDREL

OTHER TYPES:



NEBES AP-1

Double ring for alignment of cutters and bits



BENCH GRINDERS



- Made in Italy
- Up to 10 years warranty
- Central body and two caps
- Stator inserted for thermal expansion of the metal in the aluminum machines
- Thermal sensor to avoid overheating
- Absence of vibrations
- If provided, wheels balanced at 0

“SPECIAL LINE” BENCH GRINDERS

NEBES provides for an answer to customers’ request for a completely “Made In Italy” grinder that can offer top performance at the lowest price, never forgetting its renowned precision and reliability. They are designed to have a brush for polishing / cleaning on one side and a grinding wheel on the other side. They are perfect for finishing, removing work materials without leaving burrs.





INDUCTION



GARANZIA
3
WARRANTY



Art. S-150

Art. S-200T

Art. S-125

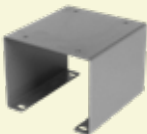


Art.		Hp		W	RPM	WHEEL	WEIGHT NET	WEIGHT GROSS Pallet	PACKAGING cm
S-125*	SPECIAL LINE	0,35	1~	260	2800	125X16X20	7,1	8,1	32X22X26
S-150*		0,50	1~	375	2800	150X20X20	9,3	10,3	35x23x29
S-200M		0,90	1~	675	2800	200x25x16/20	17,6	18,6	45x30x34
S-200T		1,00	3~	750	2800	200x25x16/20	17,6	18,6	45x30x34

All the Special line is equipped with Italian wheels. All the grinders with 3 phases motors are connected at 400 V but can be wired at 230 V on request
The single phase machines are connected at 230 V.
* On demand, available at 400 V (3 phases)

B-200 Stand for S 200

Complete with removable cooling trough and fixing screws. Weight: 26 Kg -
Base dimensions: 37X36X79 cm
Please indicate to which grinder you need to assembly the base.
For S125 and S150 B200 adaptor is needed.



B200 Adaptor

To be assembled on B200, it is necessary for S125, S150

OPTIONAL

BENCH GRINDERS

"SE LINE" HIGH-PERFORMANCE ALUMINUM BENCH GRINDERS

This second line of Nebes bench grinders has been designed for industrial use. As well as the Special Line, a bimetallic thermal guard inserted in the inner copper coiling, constantly protects the motor and saves it from any possible overload event, assuring a virtually unlimited life. All the motors are made of high-efficiency German magnetic steels.

Magnetic steels offering higher power for intensive usage: Adjustable anti-crash eye protection shields, spark deflectors, wheel guards and tool rests are integral cooling trough is included in the base of the machine (B200).



Art. SE/1



Art.		Hp		W	RPM	WHEEL	WEIGHT NET	WEIGHT GROSS Pallet	PACKAGING cm
SE-1	SERIE SE	0,5	3~	375	2800	150X20X16	11,2	12,2	43x24x31
SE-2		1,0	3~	750	2800	200x25x20	17,0	18	55x29x36
SE-9		0,5	1~	375	2800	150x20x16	11,2	12,2	43x24x31
SE-10		1,0	1~	750	2800	200x25x20	18	19	55x29x36

All the grinders with 3 phases motors are connected at 400 V but can be wired at 230 V on request. The single phase machines are connected at 230 V. On demand, available with 24V power switch BT1. Wheels not included.

CVE-1 Stand for SE1 – SE9

Complete with removable cooling trough and fixing screws. Weight: 26 Kg
Dimension: 37x36x79 cm

CVE-2 Stand for SE2 – SE10

Complete with removable cooling trough and fixing screws. Weight: 33 Kg
Dimension: 40x37x76 cm



“SEA LINE” ZERO-DUST HIGH-PERFORMANCE ALUMINUM BENCH GRINDERS

If you are looking for a complete grinding center then SEA is your product: an industrial grinder assembled on a 30 Vkg base equipped with an Italian dust extractor. Precisely what you need for a clean workshop.



Art. SEA-2



Art. SEA-1



Art.		Hp		W	RPM	WHEEL	WEIGHT NET	WEIGHT GROSS Pallet	PACKAGING cm
SEA-1	SEA LINE with dust extraction and stand	0,5	3~	375	2800	150x20x16	43	53	80x71x130
SEA-2		1,0	3~	750	2800	200x25x20	61	71	80x71x130
SEA-9		0,5	1~	375	2800	150x20x16	43	53	80x71x130
SEA-10		1,0	1~	750	2800	200x25x20	58	68	80x71x130

All the grinders with 3 phases motors are connected at 400 V but can be wired at 230 V on request. The single phase machines are connected at 230 V On demand, available with 24V power switch BT1. Wheels not included

INDUCTION

GARANZIA 5 ANNI
WARRANTY

ZERO DUST

"S LINE" CAST IRON HEAVY-DUTY BENCH GRINDERS

These machines, designed for a **continuous and intense industrial use**, absorb and further reduce operational low vibrations due to their weight and assure top precision in execution. Their motors are made of low leakage **German magnetic steel for top performance** in any work situation. The grinding wheel clamping flanges **are machined on both sides** as to assure **the best possible parallelism** during the coupling with abrasive wheel. The diameter and thickness values of flanges are **higher than EC reference regulations requirements**. On all the machines in this category an optional **low tension (24 V) power box** is available. The machines are supplied **without grinding wheel and/or brushes** as to allow the user to freely choose among the range of NEBES accessories, which only offers top quality **Italian products** that undergo internal check and balance, as to assure top performance. Upon request, **high quality speed and progressive brake control** devices are also available through **inverters made in Japan**: top quality **without compromises** in all our accessories!



Art. S-1



Art. S-2



Art. S-8



Art.		Hp		W	RPM	WHEEL	WEIGHT NET	WEIGHT GROSS Pallet	PACKAGING cm
S -1	S - LINE	0,5	3~	375	2800	150x20x16	16,7	20,7	43x24x31
S -2		1,0	3~	750	2800	200x25x20	25	29	55x29x36
S -3		1,5	3~	1100	1400	250x30x25	45	49	67x34x41
S -4		2,0	3~	1500	1400	250x35x25	45	49	67x34x41
S -5		2,5	3~	1800	1400	300x35x30	65	70	81x42x56
S -6		3,0	3~	2200	1400	300x40x30	65	70	81x42x56
S -7		5,0	3~	3400	1400	400x50x40	168	173	120x80x70
S -8		6,0	3~	4400	1400	400x50x40	168	173	120x80x70
S -9		0,5	1~	375	2800	150x20x16	16,7	21,7	44x24x21
S -10		1,0	1~	750	2800	200X25X20	26	31	55x29x36

On demand, S and SA line can be equipped with 24V power switch BT1. Over 3 Hp BT1 switch box is standard for all the CE models. All the grinders with 3 phases motors are connected at 400 V but can be wired at 230 V on request. The single phase machines are connected at 230 V. Wheels not included.



"SA LINE" CAST IRON HEAVY-DUTY BENCH GRINDERS

Looking for a complete grinding center with unlimited power and life? SA is the answer! The strongest bench grinder for industrial use.



Art. SA-3

Art. SA-1



Art.		Hp		W	RPM	WHEEL	WEIGHT NET	WEIGHT GROSS Pallet	PACKAGING cm
SA -1	SA LINE with dust extraction and stand	0,5	3~	375	2800	150x20x16	48	58	80x71x130
SA -2		1,0	3~	750	2800	200x25x20	64	74	80x71x130
SA -3		1,5	3~	1100	1400	250x30x25	91	115	80x71x130
SA -4		2,0	3~	1500	1400	250x35x25	91	115	80x71x130
SA -5		2,5	3~	1800	1400	300x35x30	124	148	80x120x130
SA -6		3,0	3~	2200	1400	300x40x30	124	148	80x120x130
SA -7		5,0	3~	3700	1400	400x50x40	246	270	80x120x130
SA -8		6,0	3~	4400	1400	400x50x40	246	270	80x120x130
SA -9		0,5	1~	375	2800	150x20x16	49	59	80x71x130
SA -10		1,0	1~	750	2800	200x25x20	65	75	80x71x130

On demand, S and SA line can be equipped with 24V power switch BT1. Over 3 Hp BT1 switch box is standard for all the CE models. All the grinders with 3 phases motors are connected at 400 V but can be wired at 230 V on request. The single phase machines are connected at 230 V. Wheels not included.

"PG LINE" CAST IRON HEAVY-DUTY BENCH GRINDERS



PG



AP



APG

PG Line: with tilting working-bench from -10° up to 45° ; creates to hand sharpening HSS steel, TCT insert and bits. Equipped on one side with white sharpening wheel.

AP Line: heavy duty bench grinder with sharpening tools from 5 to 40 mm diameter. Equipped on one side with white sharpening wheel.

APG Line: it comes as the result of PG + AP lines: tilting working-bench from -10° up to 45° to hand sharp HSS steel, TCT insert etc. On the other side sharpening tools from 5 to 40 mm diameter. Equipped on both sides with white sharpening wheels.



Art.		Hp		W	RPM	WHEEL	WHEEL INC	WEIGHT NET	WEIGHT GROSS Pallet	PACKAGING cm
S2-PG	SERIE PG	1,00	3~	750	2800	200x25x20	200x40x20	79	89	80x71x130
S4-PG		2,00	3~	1500	1400	250x35x25	250x50x25	99	109	80x71x130
S6-PG		3,00	3~	2200	1400	300x40x30	300x50x30	125	150	80x71x130
S2-AP	SERIE AP	1,00	3~	750	2800	200x25x20	200x40x20	80	90	80x71x130
S2-APG	SERIE APG	1,00	3~	750	2800	-	200x40x20	85	95	80x71x130

These grinders are supplied with wheels.



OPTIONAL

S2-PG
con Aspiratore
PIANO GRADUATO (PG)

GRINDER- SHARPENING TOOL WITH WATER WHEEL

This machine is the most popular water sharpener for blades. Several competing companies have unsuccessfully tried to reproduce our AL200, in addition Nebes is the only company offering 3 years warranty for this sharpening tool. The reduced rotation speed of water bath grinding wheel allows to obtain “razor-like” sharpening of blades, knives etc... The final result you will obtain will doubtlessly fulfil your expectations or even amaze you.



AL- 200
Water Sharpening



Art.		Hp		W	RPM	WHEEL mm	RPM	WHEEL AD ACQUA	WEIGHT NET	WEIGHT GROSS Pallet	DIMENS/ cm
AL-200	SERIE AL	0,40	1~	300	2800	150x20x20	130	200x30x16	11	12	53x29x30

WHEEL water ART 121

OPTIONAL

STAND
STAND and ADAPTER

For AL200 - Wheigh 27kg
Dimensions 37x36x79 cm



BENCH GRINDERS



COMBINATED GRINDERS



- Made in Italy
- Two tools in one machine
- Central body and two caps
- Possibility to choose where to place the brush (right or left)
- Absence of vibrations
- Thermal sensor to avoid overheating
- Up to 10 years warranty



"SPECIAL LINE" COMBINED GRINDERS



NEBES provides for an answer to customers' request for a completely "Made In Italy" combined grinder that offers top performance at the lowest price, never forgetting its renowned precision and reliability. They are designed to have a brush for polishing / cleaning on one side and a grinding wheel on the other side. They are perfect for finishing, removing work materials without leaving burrs.



Art. C-125



Art. C-150



Art. C-200M



SPECIAL LINE

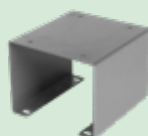
Art.	Brush position		Hp		W	RPM	Brush mm	Mole mm	NET WEIGHT	GROSS WEIGHT Pallet	dimens. cm
C-125*	DX	SX	0,35	1~	260	2800	100x12x12	125x16x20	7	8	32x22x26
C-150*	DX	SX	0,50	1~	375	2800	100x12x12	150x20x20	7,5	8,5	35x23x29
C-200M	DX	SX	0,90	1~	675	2800	150x20x16	200x25x16	15,5	16,5	54x30x34
C-200T	DX	SX	1,00	3~	750	2800	150x20x16	200x25x16	15,5	16,5	54x30x34

All the Special line is equipped with Italian wheels and without brush. All these tools with 3 phases motors are connected at 400 V but can be wired at 230 V on request. The single phase machines are connected at 230 V.

* On demand, available at 400 V (3 phases).

B-200 - Stand for C125 - C150 - C200

Complete with removable cooling trough and fixing screws.
Weight: 26 Kg - Base dimensions: 37X36X79 cm
Please indicate to which grinder you need to assembly the base.



B200 Adaptor

To be assembled on B200, it is necessary for C125, C150

PS: Upon the order of one of these combined grinders it is recommended to indicate on which side the brush is expected to be installed.

“CE LINE” ALUMINUM COMBINED MACHINES

This second line of Nebes combined grinders polishers has been designed for industrial use. As well as the Special Line, a bimetallic thermal guard inserted in the inner copper coiling, constantly protects the motor and saves it from any possible overload event, assuring a virtually unlimited life.



Art. CE-2



CE LINE

Art.	Brush position		Hp		W	RPM	Brush mm	Mole mm	NET WEIGHT	GROSS WEI- GHT Pallet	dimens. cm
CE-1	DX	SX	0,50	3~	375	2800	150x20x16	150X20X16	12,2	13,2	51X24X31
CE-2	DX	SX	1,00	3~	750	2800	200x25x20	200X25X20	18,9	19,9	65X29X36
CE-9	DX	SX	0,50	1~	375	2800	150x20x16	150X20X16	12,2	13,2	51X24X31
CE-10	DX	SX	1,00	1~	750	2800	200x25x20	200X25X20	19,9	20,9	65X29X36

All the grinders with 3 phases motors are connected at 400 V but can be wired at 230 V on request. The single phase machines are connected at 230 V. On demand, available with 24V power switch BT1. Wheels not included.

CVE-1 Stand for CE1 – CE9

Complete with removable cooling trough and fixing screws.
Weight: 26 Kg - Dimension: 37x36x79 cm

CVE-2 Stand for CE2 – CE10

Complete with removable cooling trough and fixing screws.
Weight: 33 Kg - Dimension: 40x37x76 cm



NB: When ordering the Combined machines, it is advisable to indicate whether you want the machine with the Brush on the right or on the left.

OPTIONAL

COMBINED GRINDERS



"CEA LINE" ZERO-DUST ALUMINIUM COMBINED MACHINES

If you are looking for a complete grinding center then CEA is your product: an powerful industrial grinder and a polisher together. A 30 kg stand equipped with an Italian dust extractor will complete this tool: precisely what you need for a clean workshop.



Art. CEA-2

CEA LINE
dust ext + stand



Art.	Brush position		Hp		W	RPM	Brush mm	Mole mm	NET WEIGHT	GROSS WEIGHT Pallet	dimens. cm
CEA-1	DX	SX	0,50	3~	375	2800	150x20x16	150X20X16	44	54	80X71X130
CEA-2	DX	SX	1,00	3~	750	2800	200x25x20	200X25X20	59	69	80X71X130
CEA-9	DX	SX	0,50	1~	375	2800	150x20x16	150X20X16	44	54	80X71X130
CEA-10	DX	SX	1,00	1~	750	2800	200x25x20	200X25X20	60	70	80X71X130

All the grinders with 3 phases motors are connected at 400 V but can be wired at 230 V on request. The single phase machines are connected at 230 V On demand, available with 24V power switch BT1. Wheels not included.



An Italian dust extractor with aluminum "self-cleaning" fan is assembled on the stand. Each fan we assembly is balanced via stroboscope to zero, in order to eliminate vibrations and noise.



INDUCTION



GARANZIA
5
WARRANTY



ZERO DUST

"C LINE" CAST IRON HEAVY-DUTY COMBINATED GRINDERS

These machines, projected for continuous and intense use in industry, are guaranteed to offer the longest life with no maintenance. The motors have been obtained from low dispersion German magnetic steel in order to have top production performance in any work situation: that is why Nebes is the only company offering 10 years warranty on these tools. On all the machines in this category an optional low tension (24 V) power box is available. Available upon request: high quality inverter speed control and progressive brake made in Japan.

NB: when ordering please indicate whether you prefer right or left brush



Art. C-2



Art. C-5



Art. C-3



Art. C-8

C LINE



Art.	Brush position		Hp		W	RPM	Brush mm	Mole mm	NET WEIGHT	GROSS WEIGHT Pallet	dimens. cm
C-1	DX	SX	0,50	3~	375	2800	150x20x16	150X20X16	17,9	18,9	52X23X32
C-2	DX	SX	1,00	3~	750	2800	200x25x20	200X25X20	26,5	27,5	65X30X36
C-3	DX	SX	1,50	3~	1100	1400	250x25x25	250X30X25	48	53	85X34X41
C-4	DX	SX	2,00	3~	1500	1400	250x25x25	250x35x25	48	53	85X34X41
C-5	DX	SX	2,50	3~	1800	1400	300x35x25	300x35x30	65	70	98x41x44
C-6	DX	SX	3,00	3~	2200	1400	300x35x25	300x40x30	65	70	98x41x44
C-7	DX	SX	5,00	3~	3400	1400	300x35x25/30	400x50x40	144	154	120x80x80
C-8	DX	SX	6,00	3~	4400	1400	300x35x25/30	400x50x40	144	154	120x80x80
C-9	DX	SX	0,50	1~	375	2800	150x20x16	150X20X16	17,9	18,9	52X23X32
C-10	DX	SX	1,00	1~	750	2800	200x25x20	200X25X20	26,5	27,5	65X30X36

All the grinders with 3 phases motors are connected at 400 V but can be wired at 230 V on request. The single phase machines are connected at 230 V. Wheels not included.



INDUCTION



GARANZIA 10 YEARS WARRANTY

“CA LINE” ZERO-DUST CAST IRON HEAVY-DUTY COMBINED MACHINES

Looking for a complete grinding center with unlimited power and unlimited life? CA is the answer! The strongest combined grinder and polisher for industrial applications: a powerful industrial grinder and a polisher together. On the 50 kg stand, an Italian dust extractor completes this tool: precisely what you need for a clean workshop.

An Italian dust extractor with aluminum “self-cleaning” fan is assembled on the stand. Each fan we assembly is balanced via stroboscope to zero, in order to eliminate vibrations and noise.

P.S. When ordering please indicate whether you prefer right or left brush.



Art. CA-3



An Italian dust extractor with aluminum “self-cleaning” fan is assembled on the stand. Each fan we assembly is balanced via stroboscope to zero, in order to eliminate vibrations and noise.



INDUCTION



GARANZIA
10
WARRANTY



ZERO DUST



RP2 anti-fire dust bag has been designed to collect shrink and chips in order to keep the working place clean. On demand, C and CA line can be equipped with 24V power switch BT1. Over 3 Hp BT1 switch box is standard for all the CE models.



Art. CA-6

CA LINE dust ext + stand



Art.	Brush position		Hp		W	RPM	Brush mm	Mole mm	NET WEIGHT	GROSS WEIGHT Pallet	dimens. cm
CA-1	DX	SX	0,50	3~	375	2800	150x20x16	150X20X16	50	60	80x71x130
CA-2	DX	SX	1,00	3~	750	2800	200x25x20	200X25X20	67	77	80x71x130
CA-3	DX	SX	1,50	3~	1100	1400	250x25x25	250X30X25	94	119	80x120x130
CA-4	DX	SX	2,00	3~	1500	1400	250x25x25	250x35x25	94	119	80x120x130
CA-5	DX	SX	2,50	3~	1800	1400	300x35x25	300x35x30	125	150	80x120x130
CA-6	DX	SX	3,00	3~	2200	1400	300x35x25	300x40x30	125	150	80x120x130
CA-7	DX	SX	5,00	3~	3400	1400	300x35x25/30	400x50x40	222	247	80x120x130
CA-8	DX	SX	6,00	3~	4400	1400	300x35x25/30	400x50x40	222	247	80x120x130
CA-9	DX	SX	0,50	1~	375	2800	150x20x16	150X20X16	50	60	80x71x130
CA-10	DX	SX	1,00	1~	750	2800	200x25x20	200X25X20	68	78	80x71x130

All the grinders with 3 phases motors are connected at 400 V but can be wired at 230 V on request. The single phase machines are connected at 230 V. Wheels not included.



POLISHERS

- Made in Italy
- Possibility of use H24
- Very high performance engines
- Central body and two caps
- Integrated thermal protection
- Possibility of changing the distance between the flanges
- Possibility of customizations

POLISHERS



“SPECIAL LINE” POLISHERS IN ALUMINUM

NEBES provides for an answer to customers' request for a completely "Made In Italy" polisher that can offer top performance at the lowest price, never forgetting its renowned precision and reliability. A bimetallic thermal guard inserted in the inner copper coiling, constantly protects the motor and saves it from any possible overload event, assuring a virtually unlimited life.

Constructed in injected die-cast aluminum, these machines are available in 150 230 V single phase or, on request, 400 V three phase and are delivered without polisher rod. Nothing left to chance in Nebes polisher, even in the smaller range!



Art. P200



Art.		Hp		W	RPM	Brush mm	Weight Net	Weight Gross Pallet	dimens. cm
P-200M	SPECIAL LINE	0,90	1~	675	2800	150x20x16	15,5	16,5	63x21x29
P-200T		1,00	3~	750	2800	150x20x16	15,5	165	63x21x29

Special Line is supplied without brushes. P 200 T with 3 phases motors is connected at 400 V but can be wired at 230 V on request.
P 200 M single phase is connected at 230 V.

Stand for P-200M - P-200T

Complete with removable cooling trough and fixing screws. Weight: 26 Kg -
Base dimensions: 37X36X79 cm



“PE LINE” ALUMINUM POLISHERS

This second line of Nebes bench polishers has been designed for industrial use. As in the Special Line, a bimetallic thermal guard inserted in the inner copper coiling, constantly protects the motor and saves it from any possible overload event, assuring a virtually unlimited life. All the motors are made of high-efficiency German magnetic steel offering higher power for intensive usage. These machines have been designed for polishing medium-sized pieces. It is possible to equip them with two brushes having different characteristics (metallic threads, fabric, lamellar wheels).



Art. PE-2



Art.		Hp		W	RPM	Brush mm	Weight Net	Weight Gross Pallet	dimens. cm
PE-1	SERIE PE	0,50	3~	375	2800	150x20x16	13,7	14,7	63x21x29
PE-2		1,00	3~	750	2800	200x25x20	20	21	81x25x32
PE-9		0,50	1~	375	2800	150x20x16	13,7	14,7	63x21x29
PE-10		1,00	1~	750	2800	200x25x20	21	22	81x25x32

All the grinders with 3 phases motors are connected at 400 V but can be wired at 230 V on request. The single phase machines are connected at 230 V. On demand, available with 24V power switch BT1. Brushes not included.

CVE-1 Stand for PE1 – PE9

Complete with removable cooling trough and fixing screws. Weight: 26 Kg
Dimension: 37x36x79 cm

CVE-2 Stand for PE2 – PE10

Complete with removable cooling trough and fixing screws. Weight: 33 Kg
Dimension: 40x37x76 cm



OPTIONAL

POLISHERS



"PEA LINE" ZERO-DUST ALUMINIUM POLISHERS

Processing in top safety conditions.
These machines offer the same characteristics as aluminium industrial series, in addition they are equipped with base and aspiration system.

N.B. brushes excluded



PEA LINE



Art.		Hp		W	RPM	Brush mm	Weight Net	Weight Gross Pallet	dimens. cm
PEA-1	PEA LINE dust ext + stand	0,50	3~	375	2800	150x20x16	46	56	80x71x130
PEA-2		1,00	3~	750	2800	200x25x20	60	70	80X71X130
PEA-9		0,50	1~	375	2800	150x20x16	46	56	80X71X130
PEA-10		1,00~	1~	750	2800	200x25x20	60	71	80X71X130

All the grinders with 3 phases motors are connected at 400 V but can be wired at 230 V on request. The single phase machines are connected at 230 V. On demand, available with 24V power switch BT1. Brushes not included



An Italian dust extractor with aluminum "self-cleaning" fan is assembled on the stand. Each fan we assembly is balanced via stroboscope to zero, in order to eliminate vibrations and noise.



INDUCTION



GARANZIA
5
WARRANTY



ZERO DUST

"P LINE" CAST IRON HEAVY-DUTY POLISHERS

These machines, projected for continuous and intense use in industry, are guaranteed to offer the longest life with no maintenance. The motors have been obtained from low dispersion German magnetic steel in order to have top production performance in any work situation: that is why Nebes is the only company offering 10 years warranty on these tools.



P LINE



Art.		Hp		W	RPM	Brush mm	Weight Net	Weight Gross Pallet	dimens. cm
P-1	P LINE	0,50	3~	375	2800	150x20x16	19,3	20,3	63x21x29
P-2		1,00	3~	750	2800	200x25x20	27,9	28,9	81x25x32
P-3		1,50	3~	1100	2800*	250x25x25	51	52	107x29x41
P-4		2,00	3~	1500	2800*	250x25x25	51	52	107x29x41
P-5		2,50	3~	1800	2800*	300x35x25	68	69	107x35x43
P-6		3,00	3~	2200	2800*	300x35x25	68	69	107x35x43
P-7		5,00	3~	3400	2800**	300x35x25/30	110	111	120x80x80
P-8		6,00	3~	4400	2800**	300x35x25/30	110	111	120x80x80
P-9		0,50	1~	375	2800	150x20x16	19,3	20,3	63x21x29
P-10		1,00	1~	750	2800	200x25x20	21	22	81x25x32

On demand, P and PA line can be equipped with 24V power switch BT1. Over 3 Hp BT1 switch box is standard for all the CE models. All polishers with 3 phases motors are connected at 400 V but can be wired at 230 V on request. The single phase machines are connected at 230 V.

* On request, all these tools can be equipped with 1.400 rpm motor, at the same price. 2 speed (1.400 / 2.800 rpm) is available by adding the power box BT2.

** On request, all these tools can be equipped with 1.400 rpm motor, at the same price. 2 speed (1.400 / 2.800 rpm) is available by adding the power box BT2 but in this case the over price, coming from the difference between standard BT1 and BT2.

"PA LINE" ZERO-DUST CAST IRON HEAVY-DUTY POLISHERS

The strongest line of polishers for industrial applications: a powerful industrial polisher over a 50 kg stand equipped with an Italian dust extractor. Exactly what you need for a clean workshop.

PS: Brushes not included



Art. PA-6



Art. PA-1



An Italian dust extractor with aluminum "self-cleaning" fan is assembled on the stand. Each fan we assembly is balanced via stroboscope to zero, in order to eliminate vibrations and noise.



INDUCTION



ZERO DUST



RP2 anti-fire dust bag has been designed to collect shrink and chips in order to keep the working place clean. On demand, C and CA line can be equipped with 24V power switch BT1. Over 3 Hp BT1 switch box is standard for all the CE models.



Art. PA-8



Art.		Hp		W	RPM	Brush mm	Weight Net	Weight Gross Pallet	dimens. cm
PA-1	PA LINE dust ext + stand	0,50	3~	375	2800	150x20x16	51	61	80x71x130
PA-2		1,00	3~	750	2800	200x25x20	70	80	80x71x130
PA-3		1,50	3~	1100	2800*	250x25x25	102	127	80x120x130
PA-4		2,00	3~	1500	2800*	250x25x25	102	127	80x120x130
PA-5		2,50	3~	1800	2800*	300x35x25	131	156	80x120x130
PA-6		3,00	3~	2200	2800*	300x35x25	131	156	80x120x130
PA-7		5,00	3~	3400	2800**	300x35x25/30	188	213	80x120x130
PA-8		6,00	3~	4400	2800**	300x35x25/30	188	213	80x120x130
PA-9		0,50	1~	375	2800	150x20x16	51	61	80x71x130
PA-10		1,00	1~	750	2800	200x25x20	71	81	80x71x130

On demand, P and PA line can be equipped with 24V power switch BT1. Over 3 Hp BT1 switch box is standard for all the CE models. All polishers with 3 phases motors are connected at 400 V but can be wired at 230 V on request. The single phase machines are connected at 230 V.

* On request, all these tools can be equipped with 1.400 rpm motor, at the same price. 2 speed (1.400 / 2.800 rpm) is available by adding the power box BT2.

** On request, all these tools can be equipped with 1.400 rpm motor, at the same price. 2 speed (1.400 / 2.800 rpm) is available by adding the power box BT2 but in this case the over price, coming from the difference between standard BT1 and BT2.

P/6 DI DOUBLE MOTOR POLISHER WITH TWO INDEPENDENT SHAFTS

- Solid structure made of an electro-welded plate having strong thickness.
- Two independent motors with power 3000 + 3000 W.
- Electric board composed of two inverters.
- Possibility of independently adjusting the rotation speed of the two motors (from 300 to 3000 RPM), by means of a two separated control boards separated one to the other and positioned on the top of the motor body.
- Continuous cooling system to keep cold the inverters and the two motors too.
- Each motor is provided with an electromagnetic brake, which automatically releases as the motor is switched on. It is useful during brush replacement operations.
- Telescopic safety protection shaft.
- Can be used with brushes from 20 mm up to 100 mm.
- It is studied to work on three working shifts (24 hours per day).



Art.	Hp		W	RPM	Brush Dø - dø	Spessore Brush mm	Weight Net	Weight Gross Pallet	dimens. cm
P6-DI	4+4	3~	3000+3000	300÷3000	250-25	20÷100	280	300	150x90x170

HEAVY-DUTY POLISHER WITH DOUBLE MOTOR

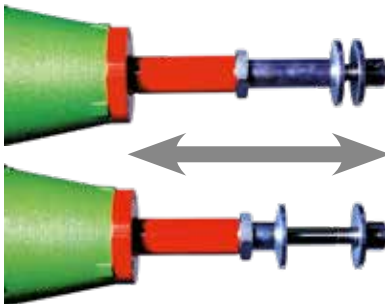
65



Double Japanese inverter.



Each motor of this machine is equipped with an electromagnetic brake that is automatically released as the motor is turned on, useful for brush replacement operations.



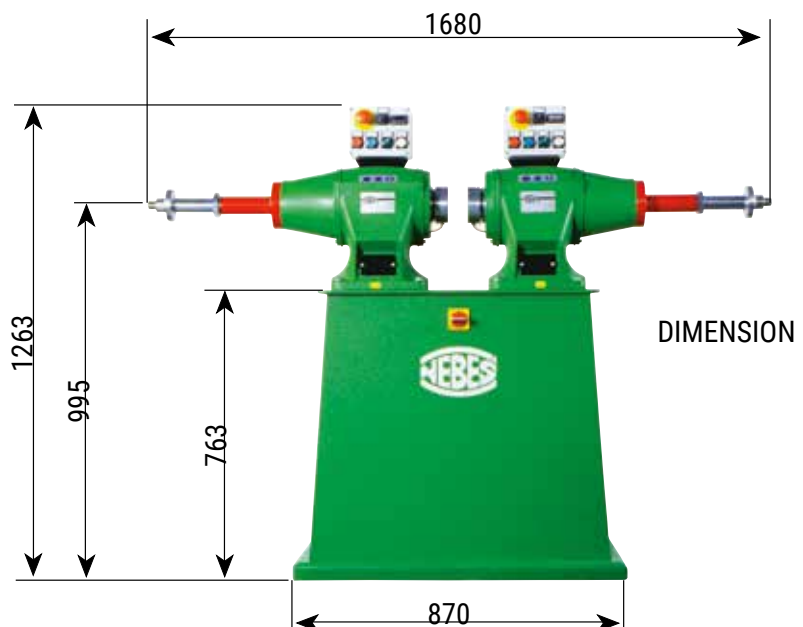
A 150 mm mandrel length as well as the possibility of adjusting the shaft protecting device allow to assemble brushes having variable thickness from 20 to 100mm.



Inverter board: real speed is shown on display.



CS: rotating brush protector



Cooling system.



INDUCTION



GARANZIA 10 ANNI WARRANTY

POLISHERS

DEBURRING/GRINDING

- Made in Italy
- Simplicity of use
- Very high performance
- Industrial use



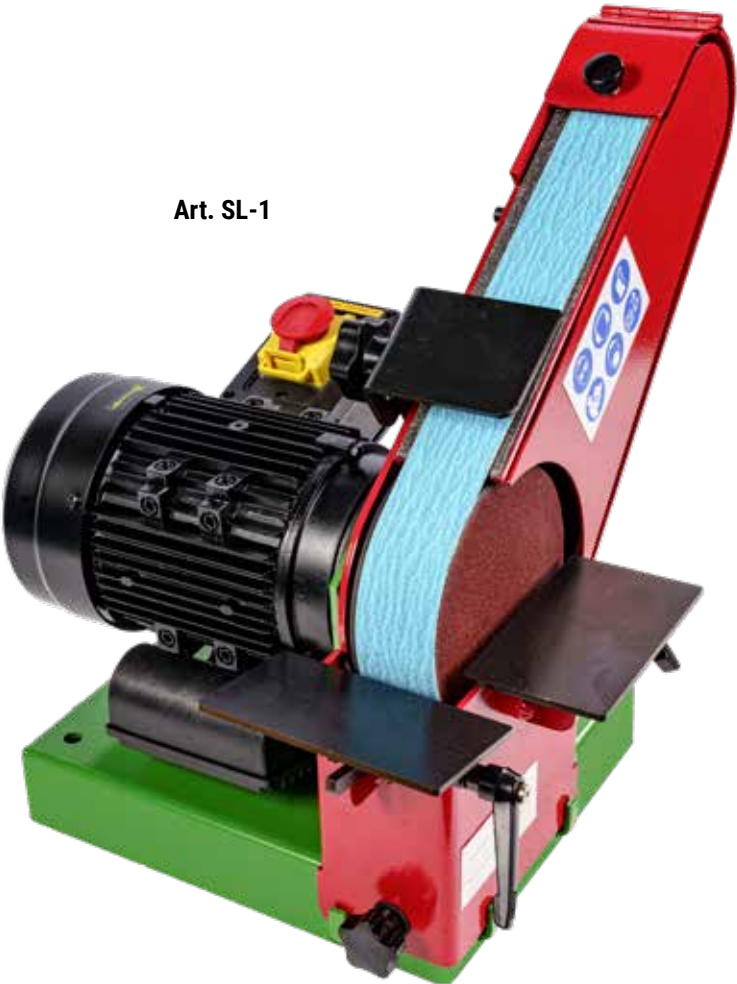


BAND SANDER WITH AND WITHOUT STAND

A Nebes news, equipped with a 1000x50 belt and a side disc pad.
Equipped with a 1 hp single-phase induction motor, it is the ideal choice for light finishing work on metal, iron, wood, plastic and fiberglass.



Art. SL-1



TECHNICAL FEATURES

- Adjustable arm
- Adjustable tension of sander belt
- Equipped with an G80 sander belt and G80 sander disc
- Adjustable bench through the lock brakes
- The disc measures Ø150
- Equipped with a safety switch



Art.	Hp	W	RPM	Tape (mm)	Weight Net	Weight Gross Pallet	dimens. cm
SL-1	1~	750	2800	1000X50	26	31	56x44x42



BENCH TAPE SANDER

We have equipped our historic SE-2 / SE-10 and PE-2 / PE-10 aluminum industrial series machines with the swivel arm of the SL-1 sander. We want to offer the possibility of having a bench deburring machine, with a small tape, combined with a grinder or a cleaner. As always, we guarantee excellent performance, reliability and the guarantee of quality given by the Nebes brand.



TECHNICAL FEATURES

- Adjustable arm
- Automatic tape tension
- Supplied with a 150mm 80-grit tape and disc
- Adjustable and adjustable shelves with locking levers
- Abrasive tape and disc available only on the right side
- Wheel or Brush not included in the price
- Counter only version

STAND CV/SL AVAILABLE



Art.	Hp	W	RPM	Wheel o Brush	Tape (mm)	Weight Net	dimens. cm
SL1-S MF	1	750	2800	200x25x20	1000x50	30	60x30x60
SL1-S TF	1	750	2800	200x25x20	1000x50	31	60x30x60
SL1-P MF	1	750	2800	200x25x20	1000x50	33	60x30x75
SL1-P TF	1	750	2800	200x25x20	1000x50	34	60x30x75

The industrial series in aluminum combined with sander is supplied without wheels and brushes. All machines with motor 3 (three-phase) are designed for voltages of 400 V and on request also of 230 V. The single-phase version are designed for 230 V versions.



INDUCTION



GARANZIA
3
WARRANTY

BELT SANDER AND WHEEL GRINDER/POLISHER, WITH AND WITHOUT DUST EXTRACTION

With arm that can be swiveled from 0 to 90 ° Rubberized drive pulley. The SL-2 is complete with control unit (low voltage) and emergency mushroom button.

The new SL / 3 is equipped with a telescopic arm that allows a very fast belt change and constant tensioning of the same. The engine is more powerful and the control panel has been revised in design.



Art. SL-2



Art. SL-3

TECHNICAL FEATURES

- Rubber dragging pulley
- Complete with power box
- Emergency-stop mushroom pushbutton
- Mechanic safety devices
- Use and maintenance handbook
- Solid and crush-proof structure
- Quick replacement of abrasive band
- Turning arm from 0° to 90° by simple operations
- Possibility of applying AC/3 suction system only on three-phase machines



Art. SL-3-2



INDUCTION



Art. SL-2



Art. SL-3



INDUCTION



Art. SL-2



Art. SL-3



Control panel



Art.	Hp	W	RPM	Tape (mm)	Speed (m/s)	Weight Net	Weight Gross Pallet	dimens. cm
SL-2 MF o TF	1,5	1100	2800	1000X100	19	33	43	80X70X130

Note: optionally it is possible to combine the AC / 3 suction system without filter with tubes and bag
 SL / 2 available in the following versions: 1) 400v 3 ~ 2800 RPM (min) 2) 230V 3 ~ 2800 RPM 3) 230V 1 ~ 2800 RPM.
 for SL/2 you can choose between a V-shaped base and a bench support.



Art.	Hp	W	RPM	Tape (mm)	Speed (m/s)	Weight Net	Weight Gross Pallet	dimens. cm
SL-3 MF	1,6	1200	2800	1500x120	26	67	77	80x120x130
SL-3 - 2P	3,0	2300	2800	1500x120	26	67	77	80x120x130
SL-3 - 4P	1,6	1200	1400	1500x120	13	67	77	80x120x130
SL-3/2	1,6/2,7	1200/2000	1400/2800	1500x120	13/26	67	77	80x120x130

FOR ALL THE VERSIONS THE V-BASE IS INCLUDED

FOR SL/2 V Stand

Complete with removable cooling trough and fixing screws. Weight: 26 Kg -
 Base dimensions: 37X36X79 cm

BENCH SUPPORT





BELT SANDER AND WHEEL GRINDER/POLISHER, WITH AND WITHOUT DUST EXTRACTION

One grinder and one belt sander combined together. Particularly suitable to remove burrs and sharp edges of items cut by sawing machines. They are also perfect for deburring foundry pieces (aluminum, cast iron, brass, bronze etc.). It is possible to work either on hard surfaces or on rubber wheel.



Art.	Hp	W	RPM	Tape (mm)	Wheel mm	Brush mm	Weight Net	Weight Gross Pallet	dimens. cm
SL-4*	2,0 3~	1500	1400	2000x50	250x35x25	-	110	120	71x80x130
SLA-4*	2,0 3~	1500	1400	2000x50	250x35x25	-	125	135	80x120x130
SLP-4**	2,0 3~	1500	1400 o 2800	2000x50	-	250x25x25	121	146	80x120x130
SLPA-4**	2,0 3~	1500	1400 o 2800	2000x50	-	250x25x25	138	148	80x120x130

* On demand, available with 24V power switch BT1.
** On request, all these tools can be equipped 2 speed (1.400 / 2.800 rpm) is available by adding the power box BT2.
All these motors are connected at 400 V but can be wired at 230 V on request.

INDUCTION

GARANZIA
10
WARRANTY

ZERO DUST

DOUBLE BELT SANDER, WITH AND WITHOUT DUST EXTRACTION

This Heavy-duty double belt sander is particularly suitable to remove burrs and sharp edges of items cut by sawing machines.

They are also perfect for deburring foundry pieces (aluminum, cast iron, brass, bronze etc.) It is possible to work either on hard surfaces or on rubber wheels.



SN-6



SNA-4



SN-4



Art.	Hp		W	RPM	Tape (mm)	Weight Net	Weight Gross Pallet	dimens. cm
SN-4*	2,0	3~	1500	1400 o 2800	2000x50	138	148	71x80x130
SNA-4*	2,0	3~	1500	1400 o 2800	2000x50	148	173	120x80x130
SN-6*	4,0	3~	3000	1400 o 2800	2000x50	160	174	120X80X130
SNA-6*	4,0	3~	3000	1400 o 2800	2000x50	171	195	120X80X130

* On demand, available with 24V power switch BT. On request, all these tools can be equipped 2 speed (1.400 / 2.800 rpm) is available by adding the power ox BT2. All these motors are connected at 400 V but can be wired at 230 V on request.



INDUCTION



ZERO DUST

DEBURRING MACHINE GB-200



	TONDO	☐	QUADRO	☐
Cutting capacit		90		90x90

With 24V low voltage controls



Art.	Hp		RPM	Dimensioni Brush	Weight Gross Pallet	dimens. cm
GB200	2,0	3~	1400 / 2800	200x39 mm	25,0	37x31x37

- GB200 is the powerful machine designed to remove the swarf with bench type.
 - For cleaning the material, machine used special brush disc that is mounted to shaft axis in closed area.
 - Material is pushed to the disc via side hole and is beard on the table
- By fluent turning of material you can achieve even removal of swarf
 - Powerful induction motor 3 phases and 2 speeds.



EXPANSION RUBBER-ROLLS SANDER /POLISHER



These tools come from the tradition of our production line: these machines are mainly suggested for wood sanding or shining. Made by a cast iron frame, two grinding cylinder fit the two rubber rolls once inflated.

1400 RPM - 2800 RPM

Machines designed mainly for sanding wood. Different grit sanding paper sleeves can be mounted on the roller.



Art.	Hp		W	RPM	drafting rollers ø	Weight Net	Weight Gross Pallet	dimens. cm
PR-2*	2,0v	3~	1500	1400 / 2800	70-100-140x200 mm	51	57	107x29x41
PR-2	2,0	3~	1500	1400	70-100-140x200 mm	51	57	107x29x41
PR-2	2,0	3~	1500	2800	70-100-140x200 mm	51	57	107x29x41

EXPANSION RUBBER-ROLLS SANDER/POLISHER

RUBBER ROLLS

**R-70**

Pneumatic roll diameter 70, long 200, inside hole 30

R-100

Pneumatic roller for mounting of abrasive cloth, sleeve or 100, width 200 hole 30

R-140

Pneumatic roller for mounting abrasive cloth sleeve ø 140, width 200 hole 30

BELT PAPERS SLEEVES
(Pack of 10)**M-70**

Available grain 40, 60, 80, 100, 120, 150

M-100

Available in grits 40, 60, 80, 100, 120, 150
Measures: ø 100, larghezza 200

M-140

Available in grits 40, 60, 80, 100, 120, 150
measures: ø 140, width 200



INDUCTION

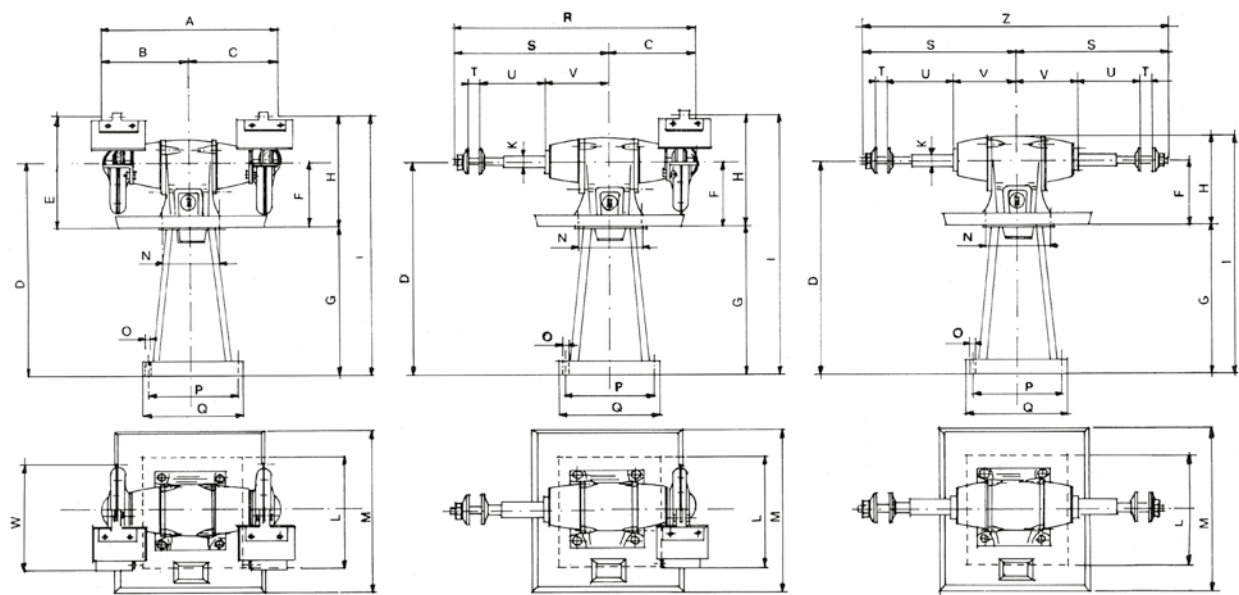


GARANZIA

WARRANTY



ZERO DUST



tipo	A	B	C	D	E	F	G	H	I	L	M	N	O	P	Q	R	S	T	U	V	Z	K	W
HP 0,5	410	205	205	875	280	170	700	280	980	285	380	145	14	290	345	490	234	20	100	141	568	20	215
HP 1	520	260	260	880	320	175	700	320	1015	335	380	180	14	330	385	615	355	25	123	184	730	25	275
HP 1,5-2	680	340	340	910	380	220	700	380	1070	385	410	200	14	380	435	925	485	30	173	238	970	30	340
HP 2,5-3	790	395	395	900	420	235	670	420	1100	390	415	210	14	355	435	915	520	35	165	280	1040	35	400
HP 5-6	880	440	440	960	550	285	660	550	1220	420	649	295	14	445	550	1085	645	50	220	320	1290	40	645

Interasse fori di fissaggio della macchina sul basamento. Int. L = larghezza (frontale) Int. P = profondità (laterale) misure in [mm]	tipo	Int. L	Int. P	Interasse fori di fissaggio del basamento sul pavimento. Int. L = larghezza (frontale) Int. P = profondità (laterale) misure in [mm]	tipo	Int. L	Int. P
	HP 0,5	145	120		HP 0,5	290	230
	HP 1	180	135		HP 1	330	280
	HP 1,5-2	200	155		HP 1,5-2	380	330
	HP 2,5-3	210	165		HP 2,5-3	355	305
	HP 5-6	295	200		HP 5-6	445	310



DUST EXTRACTORS (without pipe and bag)

These two dust extractors are completely realized in our premises in Serravalle a Po (Italy) in order to keep Nebes

renowned quality. An aluminum "self-cleaning" fan is assembled into the machine, and each fan we assembly is balanced via stroboscope to zero, in order to eliminate vibrations and noise. Suitable for any machine in which a strong suction of removed metallic parts is needed. Upon the order, it is necessary to indicate the diameter of the two suction intake holes.



Art.	Hp		giri/min	m³/h	Weight Net	Weight Gross Pallet	dimens. cm
AC1* MF o TF	0,4	3~	2800	420	14	15	43x39x40
AC2** TF	0,8	3~	2800	1000	15	16	44x49x43
AC3 TF	1,0	3~	2800	1600	31	39	46x51x123
AC3F con filtro	1,0	3~	2800	1600	33	41	46x51x123
Filtro	-		-	-	2	3	30x30x45

* for grinders and combined grinder/polisher until 3~ and polisher until 1Hp

** for grinders and combined grinder/polisher over 3~ and polisher over 1Hp

AC-1 - AC-2



AC3-F



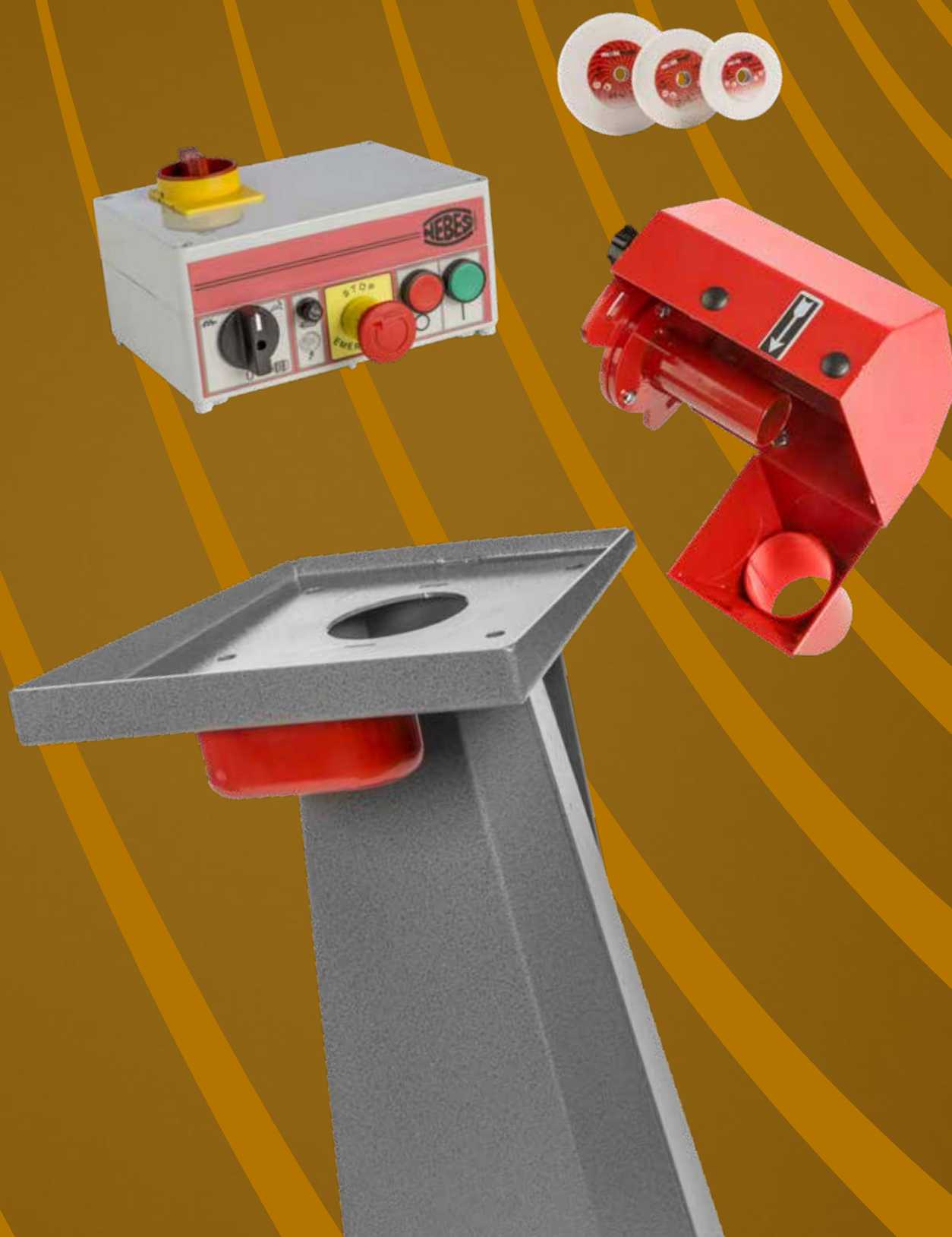
AC-3

Replacement filter AC3

P.S.: The version with filter is not suggested in case of sparks during processing.



ACCESSORIES



MODEL / DUST EXTRACTOR / PIPE DIAMETER



SEA-1	SEA-2	SEA-9	SEA-10	CEA-1	CEA-2	CEA-9	CEA-10	PEA-1	PEA-2	PEA-9	PEA-10
AC-1	AC-1	AC-1	AC-1	AC-1	AC-1	AC-1	AC-1	AC-1	AC-1	AC-1	AC-1
30A	30A	30A	30A	30A/60G	30A/60G	30A/60G	30A/60G	60G	60G	60G	60G

SA-1	SA-2	SA-3	SA-4	SA-5	SA-6	SA-7	SA-8	SA-9	SA-10
AC-1	AC-1	AC-1	AC-1	AC-1	AC-1	AC-2	AC-2	AC-1	AC-1
30A	30A	50A	50A	60A	60A	90A	90A	30A	30A

CA-1	CA-2	CA-3	CA-4	CA-5	CA-6	CA-7	CA-8	CA-9	CA-10
AC-1	AC-1	AC-1	AC-1	AC-1	AC-1	AC-2	AC-2	AC-1	AC-1
30A/60G	30A/60G	50A/90G	50A/90G	60A/90G	60A/90G	60A/90G	60A/90G	30A/60G	30A/60G

PA-1	PA-2	PA-3	PA-4	PA-5	PA-6	PA-7	PA-8	PA-9	PA-10
AC-1	AC-1	AC-2	AC-2	AC-2	AC-2	AC-2	AC-2	AC-1	AC-1
60/60G	60/60G	90/90G	90/90G	90/90G	90/90G	90/90G	90/90G	60/60G	60/60G

LEGEND

PA-10	→	MACHINE MODEL
AC-1	→	DUST EXTRACTOR MODEL
60	→	Ø PIPE ØETER

To order spare parts it is always necessary to indicate the code and description of the piece, also specifying the model of the machine on which it is to be mounted

LOW VOLTAGE CONTROL

The control low voltage (24v) consists of a control panel for complete protection of the engine or engine surge or overload, even maintaining the safety of the operator.

Art.	Applicazione
BT-1	1 speed machines / Pour toutes les machines à une vitesse
BT-2	2 speed machines / Pour toutes les machines à deux vitesses



BT-1



BT-2

ELECTRONIC BRAKE

The electronic brake is composed of a switchboard with electronic board that allows a rapid stop of the motor in case of emergency. It allows an effective and adjustable (generally from 4 to 8 sec.) braking of the machine through rectified current injection in winding.

Art.	Applicazione
EB-1	For any kind of single-phase machines from HP 0,50 and HP 1,00
EB-3	For any kind of three-phase machines from HP 0,50 and HP 3,00



EB-1
EB-3

ELECTRONIC BRAKE WITH LOW TENSION CONTROLS

The electronic brake is composed of a switchboard with electronic board that allows a rapid stop of the motor in case of emergency. It allows an effective and adjustable (generally from 4 to 8 sec.) braking of the machine through rectified current injection in winding.

Art.	Applicazione
FL-1	For any kind of grinders and combined machines (no polishing machines) from HP 0,50 to HP 6,00 in ELECTRONIC BRAKE three-phase version



FL-1

INVERTER

The inverter device allows to modify the number of revolutions of the shaft in a continuous manner and at constant power. The modification takes place by means of a potentiometer. It is possible to calibrate the inverter as to obtain a rotation speed from 300 to the maximum rpm allowed by the regulations in force. In the inverter device "low tension" and "electronic brake" are already included.



Art.	Applicazione
VS-10T	for all types of machines up to 1,00 HP - power supply 400V - 3PH
VS-15T	for all types of machines from 1,50 HP to 2,00 HP - power supply 400V - 3PH
VS-25T	for all types of machines from 2,50 HP to 3,00 HP - power supply 400V - 3PH
VS-40T	for all types of machines over 4,00 H - power supply 400V - 3PH
VS-10M	for all types of machines up to 1,00 HP - power supply 230V - 1PH
VS-15M	for all types of machines from 1,50 HP to 2,00 HP - power supply 230V - 1PH

DUST EXTRACTION PIPES

Available in different size and the different material (aluminum or rubber).

Art.	Material	Footage	Ø
T-30	aluminum	1 pz. X 45 cm	30
T-50	aluminum	1 pz. X 50 cm	50
T-60A	aluminum	1 pz. X 60 cm	60
T-60G	rubber	1 pz. X 60 cm	60
T-90A	aluminum	1 pz. X 85 cm	90
T-90G	rubber	1 pz. X 85 cm	90
T-100	aluminum	1 pz. X 100 cm	100



BRUSH PROTECTOR

Art.	for modelli
CS-130	C-125 C-150
CS-150	C-200 P-200 C-1 C-9 P-1 P-9 CE-1 CE-9 PE-1 PE-9
CS-200	C-2 C-10 P-2 P-10 CE-2 CE-10 PE-2 PE-10
CS-250	C-3 C-4 P-3 P-4 PR-2
CS-300	C-5 C-6 P-5 P-6
CS-400	C-7 C-8 P-7 P-8



STAND

Art.	for model	Net weight	Gross weight Pallet	Packaging cm
CV-1	S-1 C-1 P-1 S-9 C-9 P-9	26	28	37x36x79
CV-2	S-2 C-2 P-2 S-10 C-10 P-10	33	35	40x37x76
CV-3	S-3 C-3 P-3 S-4 C-4 P-4 PR-2	40	42	46x43x76
CV-4	S-5 C-5 P-5 S-6 C-6 P-6	52	54	46x43x76
CV-5	S-7 C-7 P-7 S-8 C-8 P-8	63	68	60x47x73



CV-2

CV-3

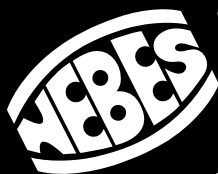
CV-4

CV-5

CV-1

DESCRIZIONE	art.	dimens. mm D x S x d	specifiche
WHEEL Grey corundum 	125/10G	125x16x20	grey corundum - G 36 - 60
	150/10G	150x20x20	grey corundum - G 36 - 60
	200/10G	200x25x20	grey corundum - G 36 - 60
	250/10G	250x30x25	grey corundum - G 24 - 46
	250/20G	250x35x25	grey corundum - G 24 - 46
	300/10G	300x35x30	grey corundum - G 24 - 46
	300/30G	300x40x30	grey corundum - G 24 - 46
	400/10G	400x50x40	grey corundum - G 20 - 40
WHEEL White corundum for HSS 	125/10B	125x16x20	white corundum - G 60
	150/10B	150x20x20	white corundum - G 60
	200/10B	200x25x20	AL/200
	121	200x30x16	AL/200 - WATER WHEEL
	250/10B	250x30x25	AL/200
	250/20B	250x35x25	AL/200
	300/10B	300x35x30	AL/200
	300/30B	300x40x30	AL/200
	400/10B	400x50x40	AL/200
WHEEL GREEN SILICON CARBIDE 	125/10V	125x16x20	silicon carbide - G 80
	150/10V	150x20x20	silicon carbide - G 80
	200/10V	200x25x20	silicon carbide - G 80
	250/10V	250x30x25	silicon carbide - G 80
	250/20V	250x35x25	silicon carbide - G 80
	300/10V	300x35x30	silicon carbide - G 80
	300/30V	300x40x30	silicon carbide - G 80
	400/10V	400x50x40	silicon carbide - G 80
BRUSH 	104	100x12x12	crimped brass
	105	150x16x16	crimped brass
	204	200x20x20	crimped brass
	250	250x25x25	crimped brass
	300	300x25x25/30	crimped brass
BUSHES 	101	16 > 12	
	102	20 > 12	
	103	20 > 16	
CHIPS SHIELD 	108		for hp 0,30, 0,50 e hp 1,00
	509	without clamp	for hp 1,50, 2,00, 2,50 e hp 3,00
	510		clamp for art. 509

DESCRIZIONE description	art.	dimens. mm packaging mm	specifiche specification
SWITCHES 	109A		single phase CE verison
	110A		three phases CE Version
PROTECTOR 	114	ø 125	thickness 2 mm
	115	ø 150	thickness 2,5 mm
	116	ø 200	thickness 3,00 mm
	504	ø 250	thickness 3,00 mm
	604	ø 300	thickness 3,50 mm
	704	ø 400	thickness 8,00 mm
PARTS SUPPORTER 	111	hp 0,30	
	112	hp 0,50	
	113	hp 1,00	
	511	hp 1,50	
	611	hp 2,50	
	711	hp 5,00/6,00	
FLANGIA RETTIFICATA For MOLE E SPAZZOLE 	304		for bench grinders "special line" øeter 125mm and 150 mm
	304/A		counter flange "special line" øeter 125mm and 150 mm
	304/B		for bench grinders "special line" øeter 200mm
	305		for wheel and brushes ø. 150 mm
	405		for wheel and brushes ø. 200 mm
	505		for wheel ø.250 and brushes ø. 250-300 mm
	605		for wheel ø. 300 mm
	705		for wheel ø. 400 mm
DADO SPIANATO FILETTO MB  Specify whether right or left when ordering	306B	bolt/ M8x20	for bench grinders special line øeter 125 and 150
	306A	M12x1.5	for whell ø. 200/for brush special line ø. 100 and wheel ø. 200
	306 Dx o Sx	M16x1.5	for wheel and brushes ø. 150 mm
	406 Dx o Sx	M20x1.5	for wheel and brushes ø. 200 mm
	506 Dx o Sx	M25x2.0	only for wheel ø. 250 mm
	506A	M25x5.0	only for brush ø. 250 mm
	606 Dx o Sx	M30x2.0	only for wheel ø. 300 mm
	606A Dx o Sx	M30x5.0	only for brush ø. 300 mm
	706	M40x2.5	only for wheel ø. 400 mm



SCAN ME



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www.instagram.com/nebessrl

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