FORMAT 4®

findustry

INDUSTRIAL TOP PERFORMANCE, FREELY CONFIGURABLE



EUK

FORMAT 4®



Industrial top performance, freely configurable

Solid wood

Panel material



Format4 findustry 1352 | 1353 | 1354
The wide belt sanders for individual requirements

The Format4 wide belt sanding machines findustry convince in industrial use above all by the individually configurable combination of the units. The machine can be equipped with two, three or four units, precisely adapted to the specific use and the respective field of application. Thus, a high degree of customisation guarantees that all requirements are met with regard to surface finish and processing efficiency.

Maximum operating comfort in industrial use.
The clearly structured touch screen control can be operated intuitively. All machine functions are shown clearly and graphically on the digital display. The infeed thickness is clearly shown on the digital display and can be controlled with an accuracy of a tenth of a millimetre. The automatic thickness measurement facilitates adjustment of the machine to the desired workpiece thickness. The workpiece is measured without any additional measuring devices and the thickness is then directly transmitted "wirelessly" to the machine. The fixed feed table height of 900 mm, which ensures easy and effortless operation, a vacuum table, roller table extensions both on the infeed and outfeed side, and optional pressure shoes on the sanding units ensure the best possible comfort and ideal machining conditions for workpieces of any format.



findustry 1352

» Sanding height: 3–170 (200) mm
» Sanding width: 1100 mm
» **Can be configured in a modular fashion with 2 units:**
- Cross sanding aggregate
- Contact roller aggregate
- Combination sanding aggregate
- Super finish aggregate
- Sanding shoe aggregate (EP/ ESC)
- Cutterblock planing head
Various coating packages

» Feeder table wit fixed feeding height
» Touch screen control
» Feed speed: variable 2.8–20 m/min

findustry 1353

» Sanding height: 3–170 (200) mm
» Sanding width: 1100 mm
» **Can be equipped modularly with 3 units**
- Cross sanding aggregate
- Contact roller aggregate
- Combination sanding aggregate
- Super finish aggregate
- Sanding shoe aggregate (EP/ ESC)
- Cutterblock planing head
Various coating packages

» Feeder table wit fixed feeding height
» Touch screen control
» Feed speed: variable 2.8–20 m/min

findustry 1354

» Sanding height: 3–170 (200) mm
» Sanding width: 1100 mm
» **Can be configured in a modular fashion with 4 units:**
- Cross sanding aggregate
- Contact roller aggregate
- Combination sanding aggregate
- Super finish aggregate
- Sanding shoe aggregate (EP/ ESC)
- Cutterblock planing head
- Various coating packages

» Feeder table wit fixed feeding height
» Touch screen control
» Feed speed: variable 2.8–20 m/min

FORMAT4 Premium Machines for Premium Requirements

» Constantly high performance in industrial continuous operation
» Customer specific optimised production solutions
» Solid design with premium components
» Wide range of configuration packages with high-tech solutions
» Complete engineering precision
» Premium user comfort
» Award winning design
» Quality and precision from AUSTRIA
» Uncompromising productivity
» Perfect service package before, during and after the purchase
» Tailor made financing solutions

The most important highlights at a glance



Wireless thickness measurement
This wireless option makes it possible to measure the workpiece in front of the machine The thickness is directly transmitted ‘wirelessly’ to the machine and therefore ensures the most precise processing as well as eliminating operator errors.



Touchscreen control for maximum operating comfort
The clearly structured Touch Screen can be used intuitively and provides maximum productivity. The infeed thickness is clearly shown on the digital display and can be adjusted to an accuracy of a tenth of a millimetre. Additional highlights are:
» 100 program memory spaces
» Adjustment of the sanding pad parameters for free segment selection +/- on the left and right, and setting of the entry and exit points on the workpiece
» Maintenance intervals
» Plain text error messages
» Digital grain compensation

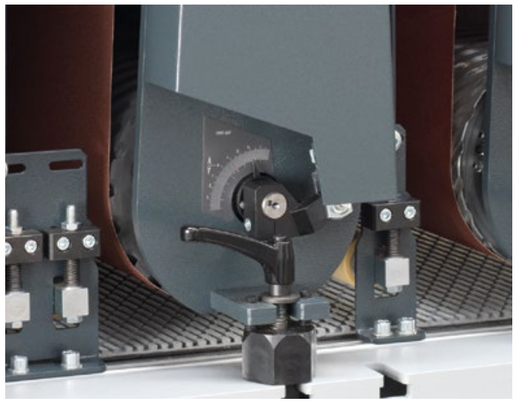


Feeder table wit fixed feeding height
As standard, the feed speed can be continuously adjusted from the control panel between 2.8–20 m/min The fixed infeed table height of 900 mm guarantees simple and effortless work. Due to the consistent height, the machine can also be integrated into a processing line without any effort.

Details



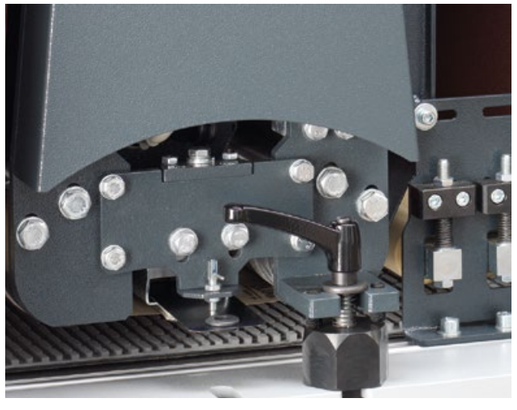
Cutterblock planing head
A cutterblock planing head is available as an option, as the first processing unit for maximum cutting performance. Activation and deactivation are carried out via the touch screen.



Contact roller aggregate
A profiled, rubber-coated contact roller (D = 180 mm and 85° Shore hardness) guarantees calibration work with maximum accuracy and minimum tolerance.



Sanding pad unit
The electro-pneumatic sanding pad is lowered on to the workpiece at the exact correct height for the sanding process. This prevents veneered surfaces from being sanded through, at the front and rear.



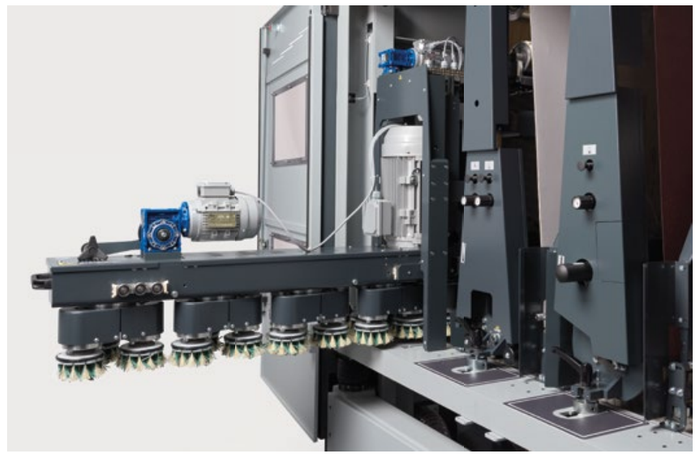
Combination sanding aggregate
The combination unit with a roller diameter of 140 mm is used for the calibration of solid wood. The electro-pneumatic sanding pad is lowered on to the workpiece at the exact correct height for the sanding process. This prevents veneered surfaces from being sanded through, at the front and rear.



Cross belt sanding unit for a high gloss finish

The cross belt sanding unit equipped with an electro-pneumatic sanding shoe and chevron belt as standard is particularly suited for the processing of lacquered surfaces and high gloss production. Rough wood fibres that cross the grain are removed by the sanding belt and the subsequent wide belt then smoothes the surface. The cross sanding direction ensures that there are considerably less wood fibres and a noticeably smoother end result is achieved.

The completely uniform pressure, levels out all oscillation marks and guarantees a homogenous sanding result. An electro-pneumatic sanding belt oscillation ensures optimal centring and smooth running. Cutting speed 3–22 m/s, sanding belt 150 x 5000 mm.



LACQUER-Planet Sanding Unit

The planet sanding unit achieves a perfect finish, especially with crossed grains. The texturing, edging and sanding of these grains is retained, thus achieving a homogeneous superfinish of the surface. The brushes, which are arranged like a planetary system, can be replaced separately which allows even more flexibility and diverse production applications.

Superfinish Unit

The Superfinish unit has a sanding cushion with a felt glide coating (chevron belt). This glide belt applies an even softer sanding pressure on the workpiece and is used predominantly for the sanding of lacquered workpieces and for high-gloss materials. The completely uniform pressure, levels out all oscillation marks and guarantees a homogenous sanding result. An electro-pneumatic sanding belt oscillation ensures optimal centring and smooth running. Cutting speed 2.4–19 m/s, sanding belt 1370 x 2620 mm.





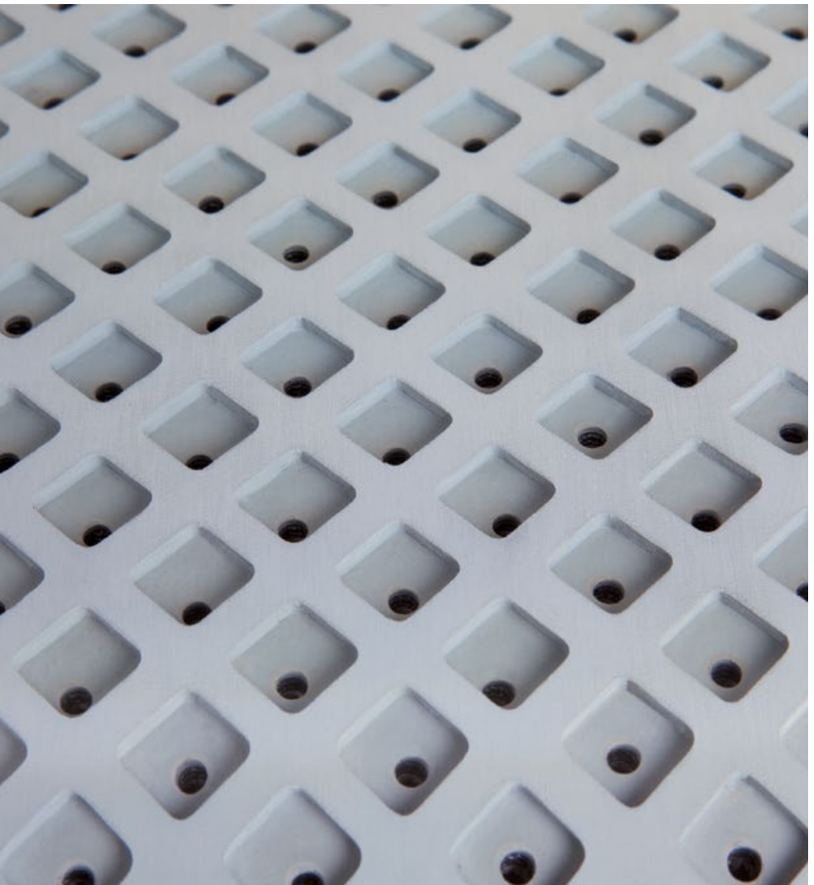
Electro-pneumatic segmented sanding shoe “silicon-Tec”

With a segment width of 27 mm and innovative silicone technology, the electro-pneumatic segmented sanding shoe ensures optimum sanding results and lower compressed air consumption. The pressure of the sanding pad can be individually adjusted in increments of 0.1 bar from the machine infeed side.



Brushing unit

An optional workpiece brushing unit is possible on the outfeed side of the machine. Different brush types can be used. The brushes can be used for cleaning, polishing or adding texture.



Vacuum table

The wide belt sander can also be equipped with a vacuum table which is particularly useful for smooth, small or thinner workpieces. The vacuum is created by a high pressure fan which is coupled with the feed. The vacuum acts on the workpiece via the holes in the feed belt



Pressure shoe

These can be added to every sanding aggregate and enable a uniform pressure on the workpiece against the feed table, which is particularly important for thin workpieces. Additionally it also reduces the minimum length of the workpiece that can be processed.



Roller table extensions

As an option, we are able to equip your Format4 wide belt sander with roller extension tables both on the infeed and outfeed side.

Technical specifications

Electrics		**findustry 1352**	**findustry 1353**	**findustry 1354**
001	3x 400 V motor voltage	S	S	S
002	3x 230 V motor voltage	O	O	O
-	50 Hz motor frequency	S	S	S
-	60 Hz motor frequency	W	W	W
29	CSA certificate	O	O	O
39	Switch contact for gate control (price/piece)	O	O	O

Feed table				
-	Constant feeding height – fixed table, 900 mm	S	S	S
-	Variable feed speed adjustment from 2.8–20 m/min adjusted from the control panel using an inverter	S	S	S
-	Hand protection and excessively thick workpiece protection	S	S	S
-	Conveyor belt without a joint with honeycomb structure	S	S	W
-	Automatic feed belt centring	S	O	O
73	Vacuum table with 4kW (5,5 HP) suction fan integrated into the machine chassis	O	O	-
73	Vacuum table with 5.5kW (7.5 HP) suction fan integrated into the machine chassis	-	-	O
74	Inverter for vacuum fan for vacuum adjustment	O	O	O
75	Smooth conveyor belt instead of honeycomb design	O	O	O
76	Vacuum table split into 2 zones	O	O	O
77	Roller table extension on the infeed side, L=300 mm	O	O	O
78	Roller table extension on the outfeed side, L=300 mm	O	O	O
79	Fold away working table on the outfeed side, L=900 mm (!78)	O	O	O
80	Fold away working table on the infeed side, L=900 mm (!77)	O	O	O
82	Automatic thickness measurement with wireless connection (!81)	O	O	O
83	Sanding height 200mm instead of 170mm	O	O	O

Control systems				
-	Control panel with 10" colour touchscreen; 100 programme memory slots; Maintenance intervals; Plain-text error messages; Ammeter for load monitoring of the units	S	S	S
59 B	Control panel with a 15" colour touchscreen instead of 10"	O	O	O
84	Optimised control software for non-standard processes "corners/ angles" (!86)	O	O	O
85	Preparing the machine for integration in the conveyor system	O	O	O

S ... Standard Equipment | O ... Optional | W ... Choice | - ... not available

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Workpiece measurement sanding pad (must only be selected once)		**findustry 1352**	**findustry 1353**	**findustry 1354**
86	EP workpiece recognition sensor incl. synchronisation with every feed speed	O	O	O
87	ESC workpiece recognition sensor with 50 segments, 27 mm segment width and synchronisation with every feed speed	O	O	O

1. Findustry power unit				
10 A	Contact roller unit with grooved sanding roller, D = 250 mm; Electric motor position controlled Grain compensation in the 1/100 mm range via the display. Electro-pneumatic oscillation of the sanding belt; Electronic sanding belt movement safety device; 1 x 11 kW (15 HP) motor incl. automatic Star Delta start; Cutting speed 18 m/sec; Sanding belt 1370 x 2620 mm	S	S	S
10 B	Cutterblock planing aggregate D=140mm; with 380 knives (14 x 14 x 2 mm) with 4 cutting edges; Pneumatic start and stop control via control panel; 1 motor with 15 kW (20 HP) including automatic SD start; Cutting speed 35 m/sec, sanding height 5–170 mm	O	O	O
10C	EP combination sanding aggregate with grooved contact roller D=142mm; Including electro-pneumatic sanding shoe; Electric. position controlled Grain compensation within a range of 1/100 mm via the touchscreen; mechanically pre-tensioned rubber pressure rollers; electro-pneumatic sanding belt oscillation; Electronic sanding belt movement safety device; 1 motor with 11 kW (15 HP) including automatic star-delta start; cutting speed 18 m/s; sanding belt 1370 x 2620 mm	O	O	O
10D	EP Sanding pad aggregate incl. electro-pneumatic sanding pad; Mechanically pre-tensioned rubber pressure rollers; Electro-pneumatic oscillation of the sanding belt; Electronic sanding belt movement safety device; 1 x 11 kW (15 HP) motor incl. automatic Star Delta start; Cutting speed 18 m/sec; Sanding belt 1370 x 2620 mm	O	O	O
10E	LACK – Cross sanding aggregate incl. segmented electro-pneumatic sanding shoe ESC; Segment width 27 mm; incl. quick change system; Chevron belt positioned between the sanding pad and sanding belt for a homogenous sanding finish without oscillation marks; Variable pressure control from the operators side; Electro-pneumatic oscillation of the sanding belt; Electronic sanding belt movement safety device; 1 motor with 11 kW (15 HP); Variable sanding speed of 3-22 m/sec; Time-controlled cleaning air jets; Sanding belt 150 x 5000 mm	O	O	O
10F	LACK- Sanding pad aggregate incl. segmented, electro-pneumatic sanding shoe (ESC); segment width 27 mm, sanding pad quick-change system, electro-pneumatic sanding belt oscillation, electronic sanding belt movement safety device; Variable pressure control on the operator side; 1 motor with 11 kW (15 HP) including variable cutting speeds from 3–18 m/sec; Time-controlled cleaning air jets; Sanding belt 1370 x 2620 mm	O	O	O

S ... Standard Equipment | O ... Optional | W ... Choice | - ... not available

EUK

10G	LACK- Super finish aggregate incl. segmented electro-pneumatic sanding pad ESC; Segment width 27 mm, sanding pad quick-change system, Chevron belt positioned between the sanding pad and sanding belt for a homogenous sanding finish without oscillation marks; Electro-pneumatic sanding belt oscillation, electronic sanding belt movement safety device; Variable pressure control on the operator side; 1 motor with 11 kW (15 HP) including variable cutting speeds from 3–18 m/sec; Time-controlled cleaning air jets; sanding belt 1370 x 2620 mm	O	O	O
11	Comfort cutterblock extraction instead of maintenance access at the front of the machine (#10B)	O	O	O
12	1. Steel sanding roller	W	W	W
13	1. sanding roller in 85° Shore	S	S	S
14	1. Sanding roller in 65° Shore	W	W	W
15	1. Sanding roller in 45° Shore (#10A, 10C)	W	W	W
16	1. Cleaning air jets for the sanding aggregate with time control (!10B / !10E / !10F / !10G)	O	O	O
17	In-phase and counter-phase function 1. Sanding aggregate (!10B / !10E)	O	O	O
18	Pressure shoe pneumatically pre-tensioned at the machine outfeed (!10B / !10G)	O	O	O
19	ESC- Segmented electro-pneumatic sanding shoe for combination sanding aggregate with 27mm segment width (#10C, 87)	O	O	O

2. Findustry power unit		**findustry 1352**	**findustry 1353**	**findustry 1354**
20A	Contact roller unit with grooved sanding roller, D = 250 mm; electric. position controlled Grain compensation in the 1/100 mm range via the display; Electro-pneumatic sanding belt oscillation; Electronic sanding belt movement safety device; 1 motor, 11 kW (15 HP) including automatic star-delta start; Cutting speed 18 m/sec; Sanding belt 1370 x 2620 mm	S	S	S
20 B	EP combination sanding aggregate with grooved contact roller D=142mm; Including electro-pneumatic sanding shoe; Electric. position controlled Grain compensation within a range of 1/100 mm via the touchscreen; mechanically pre-tensioned rubber pressure rollers; electro-pneumatic sanding belt oscillation; Electronic sanding belt movement safety device; 1 motor with 11 kW (15 HP) including automatic star-delta start; cutting speed 18 m/s; sanding belt 1370 x 2620 mm	O	O	O
20C	EP Sanding pad aggregate incl. electro-pneumatic sanding pad; Mechanically pre-tensioned rubber pressure rollers; Electro-pneumatic oscillation of the sanding belt; Electronic sanding belt movement safety device; 1 x 11 kW (15 HP) motor incl. automatic Star Delta start; Cutting speed 18 m/sec; Sanding belt 1370 x 2620 mm	O	O	O

S ... Standard Equipment | O ... Optional | W ... Choice | - ... not available

EUK

20D	LACK- Sanding pad aggregate incl. segmented electro-pneumatic sanding pad ESC; Segment width 27 mm; Mechanically pre-tensioned rubber pressure rollers; Electro-pneumatic oscillation of the sanding belt; Electronic sanding belt movement safety device; 1 motor with 11 kW (15 HP); 1 motor with 11 kW (15 HP); Variable sanding speed of 3–22 m/sec; Time-controlled cleaning air jets; Sanding belt 1370 x 2620 mm	O	O	O
20E	LACK- Super finish aggregate incl. segmented electro-pneumatic sanding pad ESC; Segment width 27 mm, Chevron belt positioned between the sanding pad and sanding belt for a homogenous sanding finish without oscillation marks; Incl. sanding pad quick-change system; Mechanically pre-tensioned rubber pressure rollers; electro-pneumatic sanding belt oscillation, electronic sanding belt movement safety device; 1 motor with 11 kW (15 HP)	O	O	O
20F	LACK - Cross sanding aggregate incl. segmented electro-pneumatic sanding shoe ESC; Segment width 27 mm; incl. quick change system; Chevron belt positioned between the sanding pad and sanding belt for a homogenous sanding finish without oscillation marks; Variable pressure control from the operators side; Electro-pneumatic oscillation of the sanding belt; Electronic sanding belt movement safety device; 1 motor with 11 kW (15 HP); Variable sanding speed of 3–22 m/sec; Time-controlled cleaning air jets; Sanding belt 150 x 5000 mm	O	-	-
20G	LACK- Planetary sanding aggregate with 15 sanding discs each with 120mm, frequency controlled oscillation hub 100mm, 1 motor with 11 kW (15 HP); variable	O	O	O
21	2. Steel sanding roller	W	W	W
22	2. sanding roller in 85° Shore |	W	W	W
23	2. Sanding roller in 65° Shore |	W	S	S
24	2. Sanding roller in 45° Shore (#20A, 20B)	S	W	W
25	2. Cleaning air jets for the sanding aggregate with time control (!40D / !40E / !40F)	O	O	O
26A	In-phase and counter-phase function 2. Sanding unit	O	O	O
28	Pressure shoe mechanically pre-tensioned between 1. & 2. Sanding unit	O	O	O
28A	Pressure shoe mechanically pre-tensioned between 2. & 3. Sanding unit	-	O	O
27	Pressure shoe pneumatically pre-tensioned at the machine outfeed (!20F)	O	-	-
29A	ESC- Segmented electro-pneumatic sanding shoe for combination sanding unit with 27mm segment width (#20B)	O	O	O

3. Findustry power unit		**findustry 1352**	**findustry 1353**	**findustry 1354**
30A	Contact roller unit with grooved sanding roller, D = 250 mm; electric. position controlled Grain compensation in the 1/100 mm range via the display; Electro-pneumatic sanding belt oscillation; Electronic sanding belt movement safety device; 1 motor, 11 kW (15 HP) including automatic star-delta start; Cutting speed 18 m/sec; Sanding belt 1370 x 2620 mm	-	S	S

EUK

S ... Standard Equipment | O ... Optional | W ... Choice | - ... not available

30 B	EP combination sanding aggregate with grooved contact roller D=142mm; Including electro-pneumatic sanding shoe; Electric. position controlled Grain compensation within a range of 1/100 mm via the touchscreen; mechanically pre-tensioned rubber pressure rollers; electro-pneumatic sanding belt oscillation; Electronic sanding belt movement safety device; 1 motor with 11 kW (15 HP) including automatic star-delta start; cutting speed 18 m/s; sanding belt 1370 x 2620 mm	-	○	○
30 C	EP Sanding pad aggregate incl. electro-pneumatic sanding pad; Mechanically pre-tensioned rubber pressure rollers; Electro-pneumatic oscillation of the sanding belt; Electronic sanding belt movement safety device; 1 x 11 kW (15 HP) motor incl. automatic Star Delta start; Cutting speed 18 m/sec; Sanding belt 1370 x 2620 mm	-	○	○
30D	LACK- Sanding pad aggregate incl. segmented electro-pneumatic sanding pad ESC; Segment width 27 mm; Mechanically pre-tensioned rubber pressure rollers; Electro-pneumatic oscillation of the sanding belt; Electronic sanding belt movement safety device; 1 motor with 11 kW (15 HP); 1 motor with 11 kW (15 HP); Variable sanding speed of 3-22 m/sec; Time-controlled cleaning air jets; Sanding belt 1370 x 2620 mm	-	○	○
30E	Lacquer- Super finish aggregate incl. segmented electro-pneumatic sanding pad ESC; Segment width 27 mm; Chevron belt positioned between the sanding cushion and sanding belt for a homogenous sanding finish without oscillation marks; incl. quick change system; Mechanically pre-tensioned rubber pressure rollers; Electro-pneumatic oscillation of the sanding belt; Electronic sanding belt movement safety device; 1 motor with 11 kW (15 HP);	-	○	○
30F	LACK- Cross sanding aggregate incl. segmented electro-pneumatic sanding shoe ESC; Segment width 27 mm; incl. quick change system; Chevron belt positioned between the sanding pad and sanding belt for a homogenous sanding finish without oscillation marks; Variable pressure control from the operators side; Electro-pneumatic oscillation of the sanding belt; Electronic sanding belt movement safety device; 1 motor with 11 kW (15 HP); Variable sanding speed of 3–22 m/sec; Time-controlled cleaning air jets; Sanding belt 150 x 5000 mm	-	○	-
30G	LACK- Planetary sanding aggregate with 15 sanding discs each with 120mm, frequency controlled oscillation hub 100mm, 1 motor with 11 kW (15 HP); Variable rotation speed of 250 through to 1250 rpm	-	○	○
31	3. Steel sanding roller	-	W	W
32	3. sanding roller in 85° Shore	-	W	W
33	3. Sanding roller in 65° Shore	-	W	W
34	3. Sanding roller in 45° Shore (#30A, 30B)	-	S	S
35	3. Cleaning air jets for the sanding aggregate with time control (!30 D / !30 E / !30 F)	-	○	○
36	In-phase and counter-phase function 3. Sanding unit	-	○	○
37	Pressure shoe pneumatically pre-tensioned at the machine outfeed (!30F)	-	○	-
37A	Pressure shoe mechanically pre-tensioned between 3. and 4. Sanding unit	-	-	○
38	ESC- Segmented electro-pneumatic sanding shoe for combination sanding aggregate with 27mm segment width (#30B)	-	○	○

4. Findustry power unit		**findustry 1352**	**findustry 1353**	**findustry 1354**
40A	Contact roller unit with grooved sanding roller, D = 250 mm; electric. position controlled Grain compensation in the 1/100 mm range via the display; Electro-pneumatic sanding belt oscillation; Electronic sanding belt movement safety device; 1 motor, 11 kW (15 HP) including automatic star-delta start; Cutting speed 18 m/sec; Sanding belt 1370 x 2620 mm	-	-	S
40 B	EP combination sanding aggregate with grooved contact rollers D=142mm; including electro-pneumatic sanding pad; Electro-motor position controlled grain compensation to within 1/100 mm from the control panel; Mechanically pre-tensioned rubber pressure rollers; Electro-pneumatic oscillation of the sanding belt; Electronic sanding belt movement safety device; 1 x 11 kW (15 HP) motor incl. automatic Star Delta start; Cutting speed 18 m/sec; Sanding belt 1370 x 2620 mm	-	-	○
40 C	EP Sanding pad aggregate incl. electro-pneumatic sanding pad; Mechanically pre-tensioned rubber pressure rollers; Electro-pneumatic oscillation of the sanding belt; Electronic sanding belt movement safety device; 1 x 11 kW (15 HP) motor incl. automatic Star Delta start; Cutting speed 18 m/sec; Sanding belt 1370 x 2620 mm	-	-	○
40D	LACK- Cross sanding aggregate incl. segmented electro-pneumatic sanding shoe ESC; Segment width 27 mm; incl. quick change system; Chevron belt positioned between the sanding pad and sanding belt for a homogenous sanding finish without oscillation marks; Variable pressure control from the operators side; Electro-pneumatic oscillation of the sanding belt; Electronic sanding belt movement safety device; 1 motor with 11 kW (15 HP); Variable sanding speed of 3–22 m/sec; Time-controlled cleaning air jets; Sanding belt 150 x 5000 mm	-	-	○
40E	LACK- Sanding pad aggregate incl. segmented electro-pneumatic sanding pad ESC; Segment width 27 mm; Mechanically pre-tensioned rubber pressure rollers; Electro-pneumatic oscillation of the sanding belt; Electronic sanding belt movement safety device; 1 motor with 11 kW (15 HP); 1 motor with 11 kW (15 HP); Variable sanding speed of 3–22 m/sec; Time-controlled cleaning air jets; Sanding belt 1370 x 2620 mm	-	-	○
40F	Lacquer - Super finish aggregate incl. segmented electro-pneumatic sanding pad ESC; Segment width 27 mm; Chevron belt positioned between the sanding cushion and sanding belt for a homogenous sanding finish without oscillation marks; incl. quick change system; Mechanically pre-tensioned rubber pressure rollers; Electro-pneumatic oscillation of the sanding belt; Electronic sanding belt movement safety device; 1 motor with 11 kW (15 HP)	-	-	○
40G	LACK- Planetary sanding aggregate with 15 sanding discs each with 120mm, frequency controlled oscillation hub 100mm, 1 motor with 11 kW (15 HP); Variable rotation speed of 250 through to 1250 rpm	-	-	○
41	4. Steel sanding roller	-	-	W
42	3. sanding roller in 85° Shore |	-	-	W
43	4. Sanding roller in 65° Shore |	-	-	W
44	4. Sanding roller in 45° Shore (#40A, 40B)	-	-	S
45	4. Cleaning air jets for the sanding aggregate with time control (!40 D / !40 E / !40 F)	-	-	○
46	In-phase and counter-phase function 4. Sanding aggregate (! 40 D)	-	-	○

47	Pressure shoe pneumatically pre-tensioned at the machine outfeed (!40D)	-	-	○
48	ESC- Segmented electro-pneumatic sanding shoe for combination sanding aggregate with 27mm segment width (#40B)	-	-	○

Motor options		**findustry 1352**	**findustry 1353**	**findustry 1354**
101	1. Motor 15 kW instead of 11kW (!10B)	○	○	○
102	1. Motor 18.5 kW instead of 11kW	○	○	○
103	1. Motor 22 kW instead of 11kW	○	○	○
201	2. Motor 15 kW instead of 11kW	○	○	○
202	2. Motor 18.5 kW instead of 11kW	○	○	○
301	3. Motor 15 kW instead of 11kW	-	○	○
401	4. Motor 15 kW instead of 11kW	-	-	○
50	11kW Softstart	○	○	○
51	15kW Softstart (#10B / #101 / #201 / #301 / #401)	○	○	○
52	18.5kW Softstart (#102 / #202)	○	○	○
53	11 kW; Variable cutting speeds from 3 to 18 m/sec; (!10E/!10F/!10G/!20G/!20E/!20F)	○	○	○
54	15 kW; Variable cutting speeds from 3 to 18 m/sec; (!10B/ #101 / #201)	○	○	○
55	18.5 kW; Variable cutting speeds from 3 to 18 m/sec; (!10B/ #102 / #202)	○	○	○
56	Surcharge for variable cutting speed 15kW instead of 11kW (#101/#201 in combination with "lacquer" aggregate)	○	○	○
57	Surcharge for variable cutting speed 18.5kW instead of 11kW (#102/#202 in combination with "lacquer" aggregate)	○	○	○

Finish aggregates Findustry				
60	Feeding table extension for 2 brush aggregates	○	○	○
61	Cleaning brushing device situated on the machine outfeed, Ø 150 mm, incl. brush (!64)	○	○	○
62	Feeding belt- Cleaning brushing device situated on the machine outfeed, Ø 150 mm, incl. brush	○	○	○
63	„Scotch-Brite" brushing device situated at the outfeed, 150 mm, incl. brush (!64)	○	○	○
64	Tynex structuring brushing unit 11 kW (15 HP) with structuring brush K 60 Ø 200 mm (!60/!61/!63)	○	○	○
65	Electrical height adjustment of the Tynex structuring brushing aggregate via Touch Screen (#64)	○	○	○
66	Quick change system for the brushing device (#64)	○	○	○
67	Additional Tampico cleaning brush Ø 200 mm (#66)	○	○	○
68	Additional Scotch-Brite brush Ø 200 mm (#66)	○	○	○
69	UV lamp on the outfeed side of the machine	○	○	○
70	Turbo- rotation- cleaning nozzles for workpiece and feed belt (!71)	○	○	○
71	Oscillation cleaning nozzles for workpiece and feed belt (!70)	○	○	○
72	Ionisation beam at the machine outfeed (!60)	○	○	○

Transport				
221	Container packaging	○	○	○

S ... Standard Equipment | O ... Optional | W ... Choice | - ... not available

Product range



Sliding Table Panel Saws



Spindle Moulders



Planer



Edgebanders



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