KUNDIG Edge - Sander Series

WEINIG

UNIQ

Edge sanding in highest perfection

HOLZ-HER

“the unique one ”

SANDING IDEAS – IDEAS TO GET THE JOB DONE!

WEINIG HOLZHER

UNIQ - “the unique one ”

ADVANTAGES:

- 4 independend sanding stations
- patented tiltable main sanding unit
- no table height adjustment necessary when tilting the sanding unit (patented construction)
- full utilisation of abrasive belt **and** graphite pad by programable oscillation of entire sanding unit
- heavy cast iron construction
- highest possible sanding precision
- most reliable edge-sander on the market
- easy and intuitive operation
- 24 month warrenty
- …

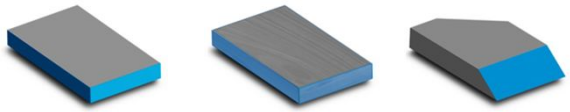
KUNDIG EDGE-SANDERS

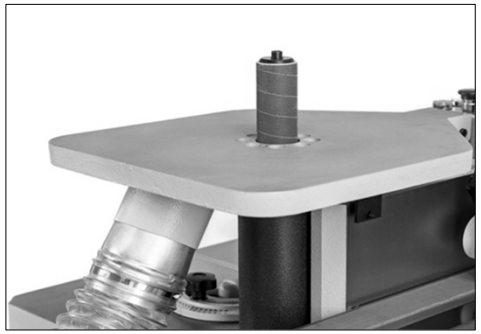
UNIQ - “the unique one ”

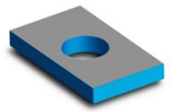
APPLICATIONS:

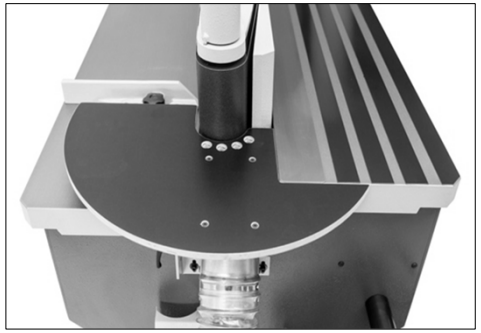
- sanding solid work-pieces
- sanding veneered work-pieces
- sanding inner curves
- sanding outer curves
- sanding angular edges

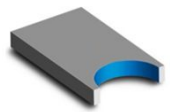
KUNDIG EDGE-SANDERS











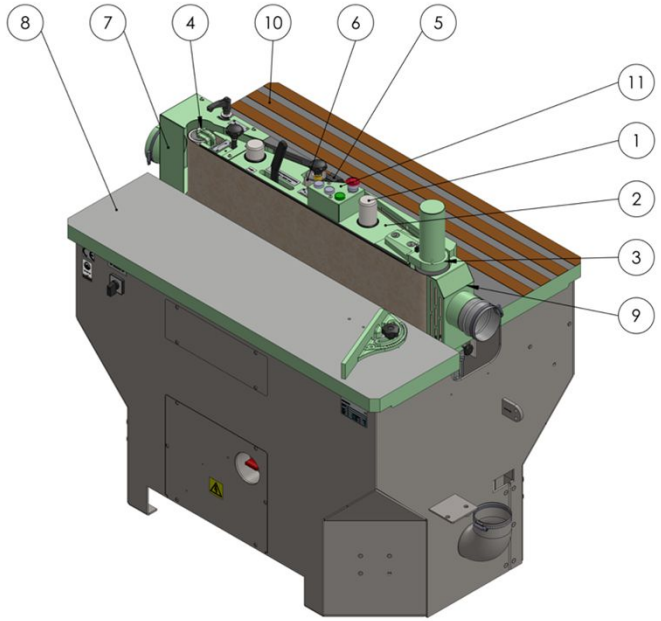
UNIQ - “the unique one ”

The patented ***KÜNDIG UNIQ series*** is the absolute Top Class of all edge-sanders wordwide!

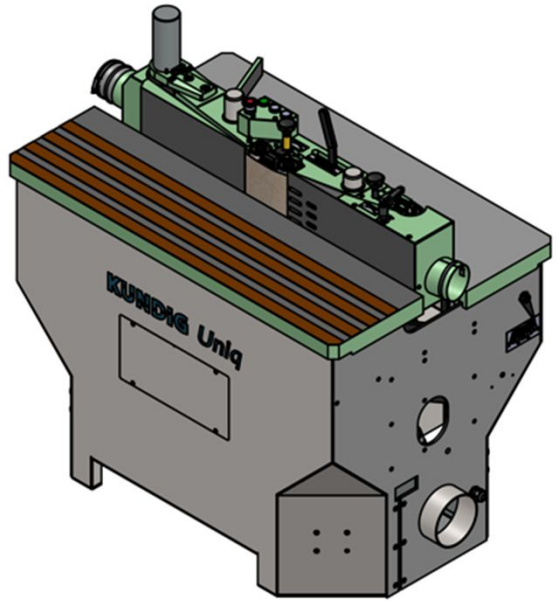
A very heavy cast iron table is provided on the back side for solid wood sanding as a similar one for veneer sanding on the face side.

The height adjustment and the tilting of the abrasive belt is motorized and needs no further adjustment on the working tables.

Simply genius and therefore worldwide patented!



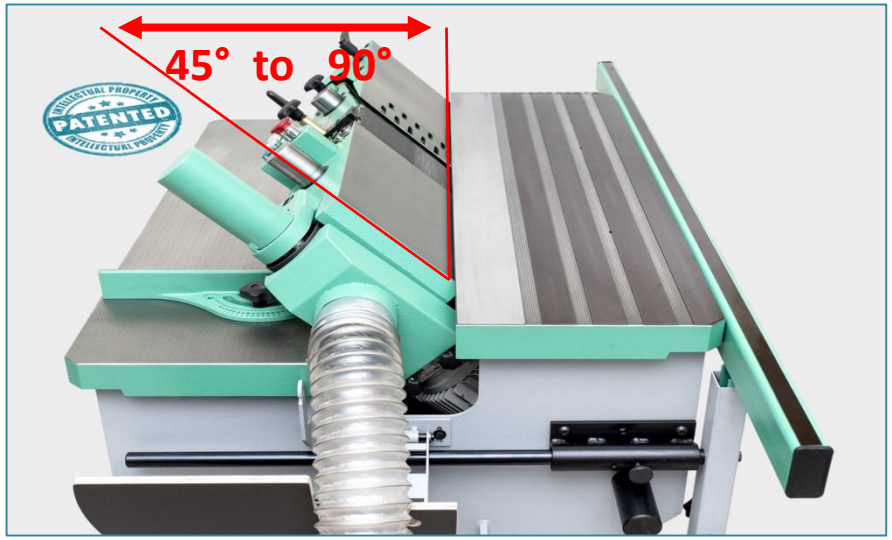
1. Swinging system
2. Lifting system
3. Belt drive
4. Belt tensioning
5. Sanding Pad
6. Guide roller for Sanding Pad
7. Stopper
8. Machine table ‚wood station‘
9. Dust-suction hood
10. Machine table ‚veneer station
11. Control panel



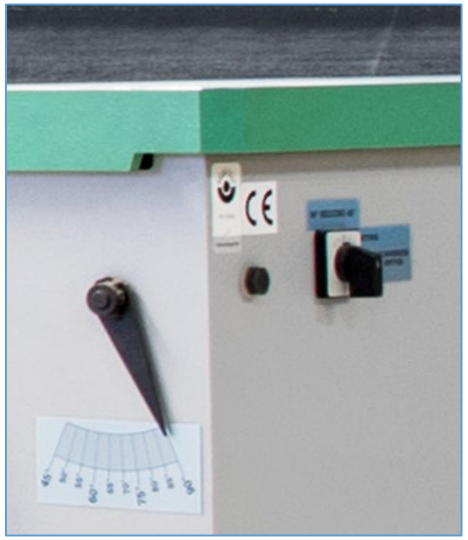
MAIN SANDING UNIT:

Standard

- Patented KÜNDIG construction of the main sanding unit, with an automatic adjustment in height by changing the inclintation of the sanding unit.
- No height adjustment of the working tables is required when tilting the sanding unit (patented construction)
- The angle of inclination of the sanding unit is motor driven adjustable from **90° to 45°** and is displayed on a corresponding scale.
- The main sanding unit is equipped with an abrasive grit compensatory adjustment and an abrasive belt tension reduction over two pulleys.
- The abrasive belt dimension is **200 mm x 2000 mm** (8“ x 79“).
- The main motor of the sanding unit has **3,0 kW** (5 HP), **208-230 V / 60 Hz**; a neutral current connection is mandatory; with motor protection switch.



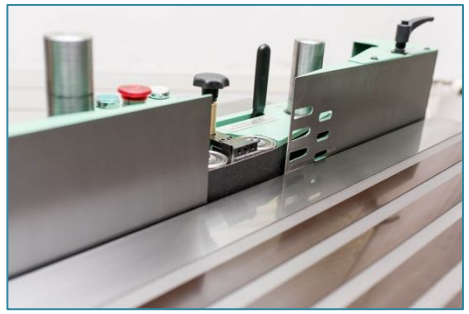
PIVOTING OF UNIT

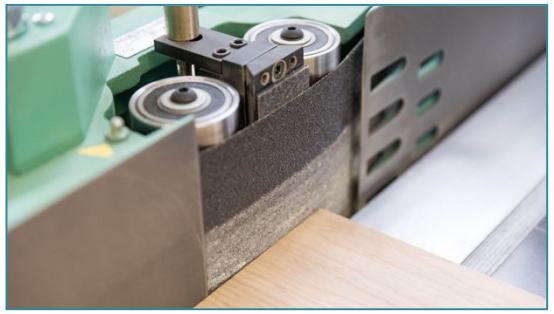


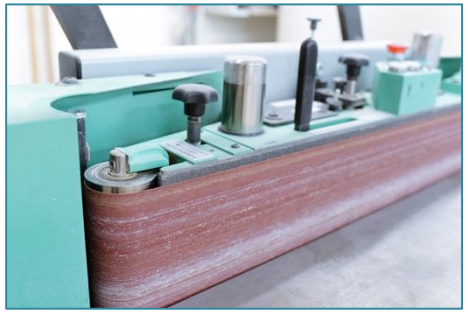
BELT OSCILLATION:

Standard

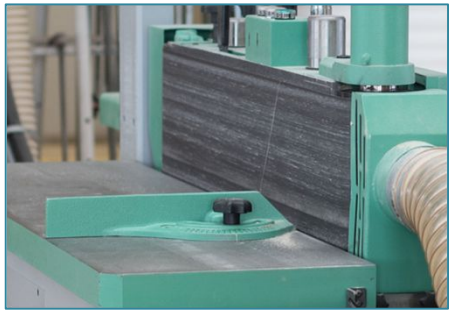
- The oscillation of entire sanding unit is from **10 – 90 mm** (0,4“ – 3,5“) individual programmable.
- Full utilisation of abrasive belt **and** graphite pad by programable oscillation of entire sanding unit.
- The belt oscillation is driven by a separate motor.
- The movement of the abrasive belt can be regulated and a constant belt tension is achieved by a length compensation.







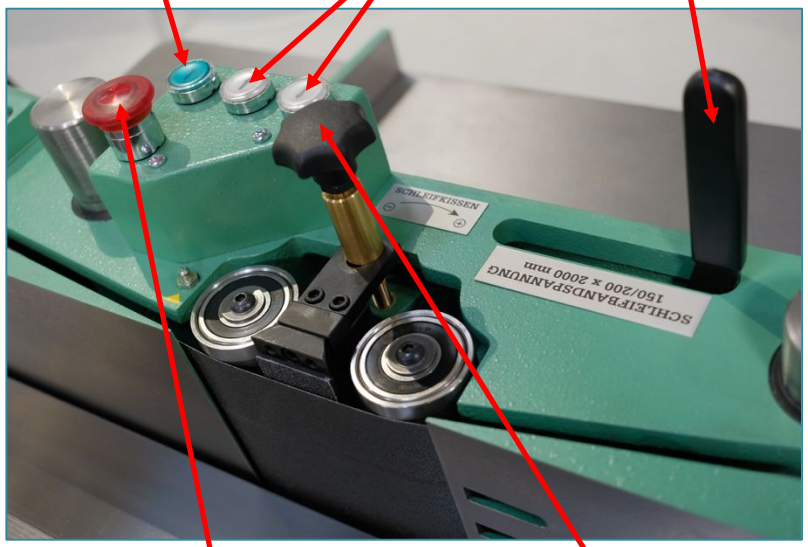
OSCILLATION

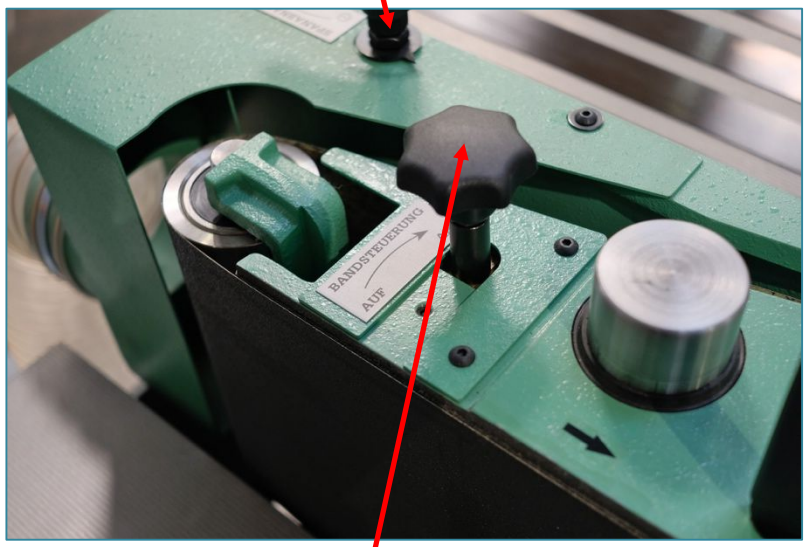


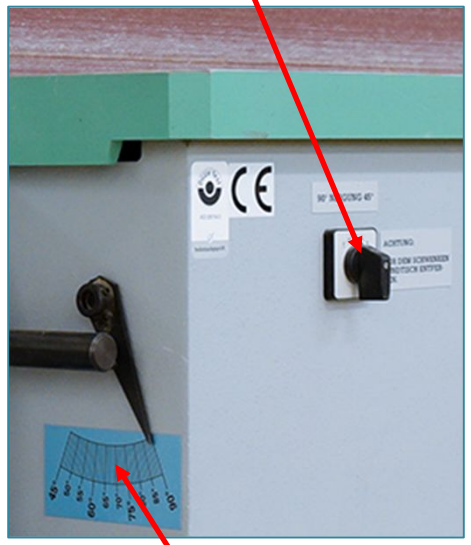
CONTROL DEVICES:

Standard

- The control of the UNIQ is intuitive and very precise.





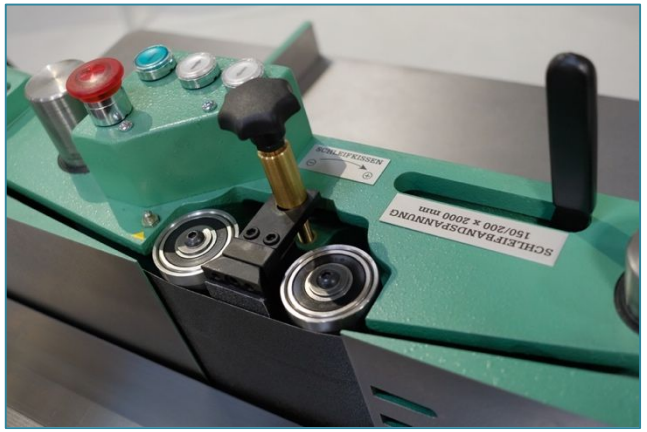


1. SANDING STATION: ***„VENEER STATION“***

Standard

- At the "VENEER - STATION" is the processing of massive and veneered edges by manual assembly along the 2 platens against the elastic abrasive pad possible.
- The inlet stop with inlet stop extension is designed with built-in suction slots and precise adjustable according to the stock removal (scale).
- The sanding pad is "co-oscillating" in order to ensure a uniform use of the graphit cloth.
- Working height: **915 mm** (36“).
- Table dimension: **320 mm x 1200 mm** (12,6“ x 47,2“).

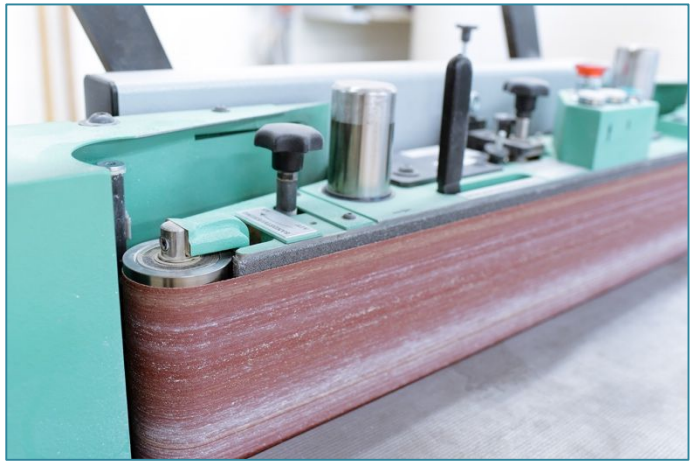
VENEER STATION

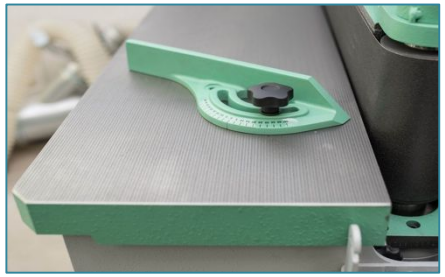


2. SANDING STATION: ***„WOOD STATION“***

Standard

- At the "WOOD - STATION" is the sanding of straight edges of work-pieces and sanding of the "outer curves" of solid wooden components possible.
- The entire sanding unit with the abrasive belt oscillates and the sanding belt runs over a graphite cloth with cooling properties.
- The "WOOD - STATION" - table is equipped with a bevelling fence with scale.
- Working height: **840 mm** (33“).
- Table dimension: **320 mm x 1200 mm** (12,6“ x 47,2“).



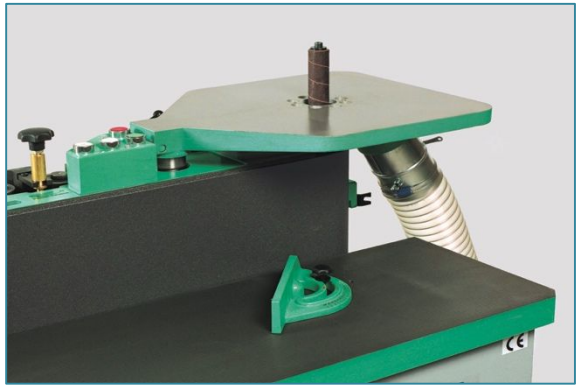


WOOD STATION

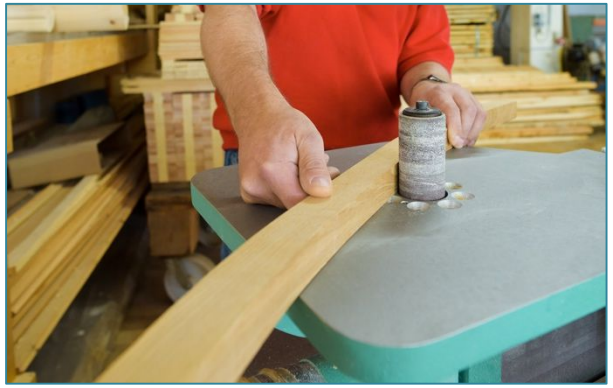
3. SANDING STATION: ***„DRIVE-ROLLER STATION“***

Optional: *auxiliary cast iron table „H“*

- The "DRIVE ROLLER - STATION" is an optional sanding station, where it's posssible to sand different diameters of inner curves and roundings.
- For this feature the machine must be equipped with the fast mountable **auxiliary cast iron table "H"**.
- The **auxiliary cast iron table „H“** is arranged with holes for dust extraction.
- An oscillating mandrel can be configurated with sanding bobbins of **Ø 25 mm** (1,0"), **Ø 30 mm** (1,2"), **Ø 40 mm** (1,6"), Ø **45 mm** (1,8") **x 100 mm** (4").
- Working height: **1110 mm** (43,5“).
- Table dimension: The bearing surface of the **auxiliary cast iron table „H“** is **400 x 500 mm** (15,75" x 19,66").



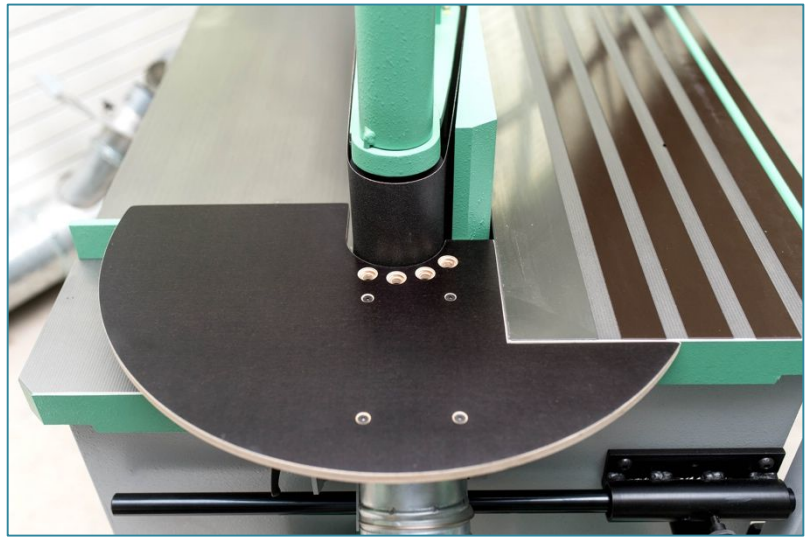
CAST IRON TABLE H



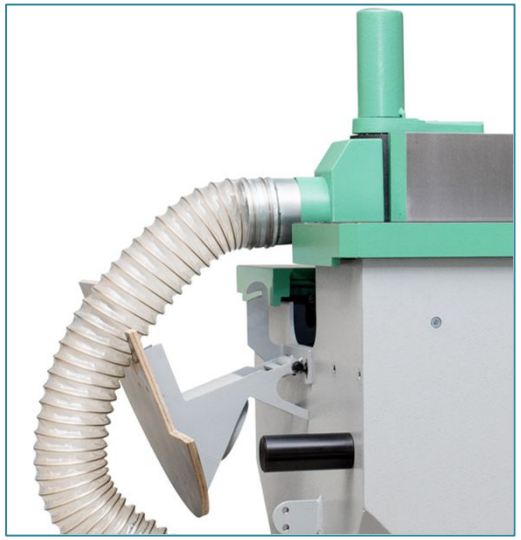
4. SANDING STATION: ***„FRONTAL STATION“***

Optional: *half round table "S“*

- The "FRONTAL - STATION" is an optional sanding station, where it's possible to sand bigger inner roundings of work-pieces against the rubberized belt driving roller of teh main sandin unit.
- For this possibility the machine must be equipped with a fast adjustable **half round table "S**".
- The **half-round table "S"** is designed with small holes for the dust extraction. Extraction outlet **ø 200 mm** (8").
- The diameter of the abrasive belt drive roller is **90 mm** (3,5").
- Working height: **915 mm** (36“).
- Table dimension: The set radius of the half round table „S“ is **300 mm** (11,75“).



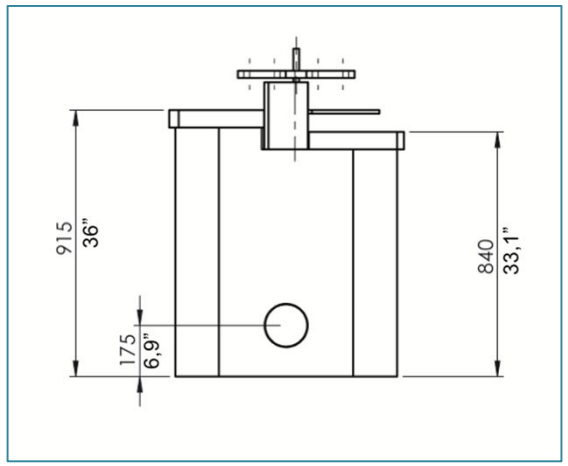
HALF ROUND TABLE S

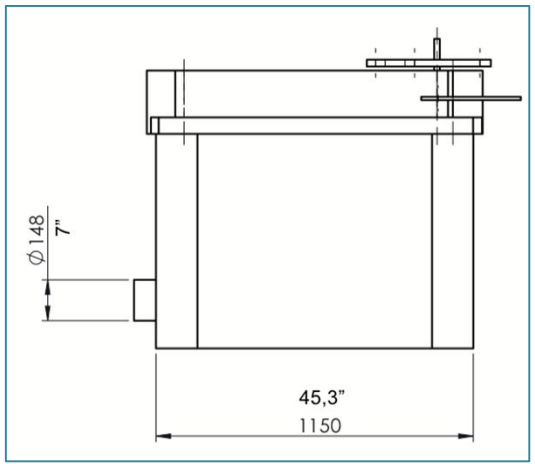


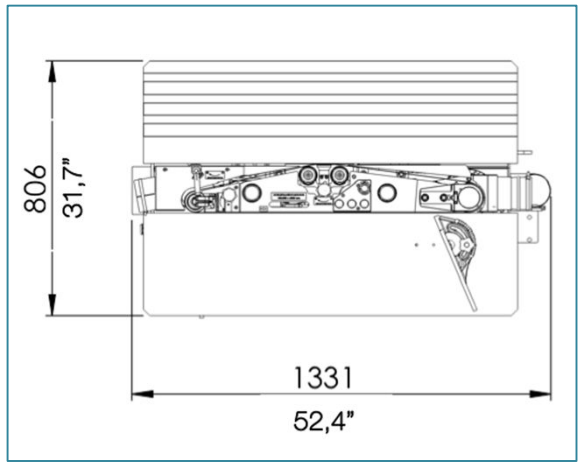
WEINIG HOLZ-HER

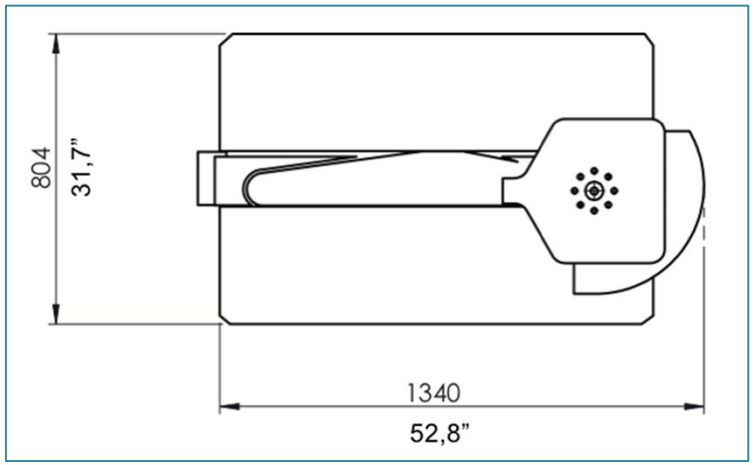
UNIQ "the unique one"

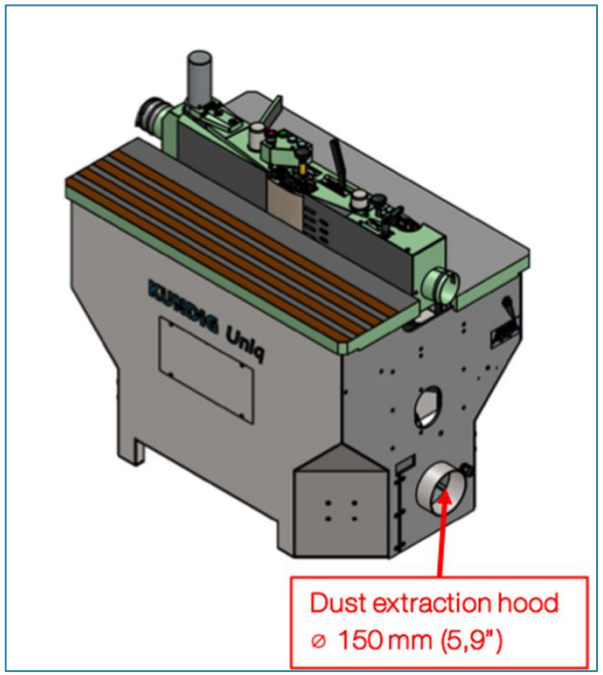
FOOTPRINT UNIQ:











***TECHNICAL DATA UNIQ**:*

Technical data:	**USA**	**EUROPE**
Voltage	208-230 V / 60Hz	380 V / 50 Hz
Sanding belt width	8”	200 mm
Sanding belt length	79”	2000 mm
Sanding belt speed rate	36 fpm	12 m/s
Speed of drive roller	3’600 rpm	3.600 rpm
Drive motor	5 HP	3 kW
Oscillation motor	0,25 HP	0,18 kW
Pivot motor	0,08 HP	0,06 kW
Net weight	1058 Lbs	480 kg
Extraction	750 CFM	1.300 m3/h
Air speed	60 ft/sec.	20 m/s
Vacuum pressure of extraction	1’800 Pa	1.800 Pa