## Surface and thickness planer

# minimax fs 41s TERSA

Maximum equipment for the professional

### Article number
5503431

### Brand
Holzkraft

### Availability
In stock
Immediate delivery

### Catalog directory
Woodworking machinery » Planers » Surface and thickness planers » Surface and thickness planer minimax fs 41es

### Purchase
Minimum 1 pc(s).




### Delivery content

- Dressing join fence with round bar guide & auxiliary fence
- Two feed speeds
- Tersa planer shaft

### Shipping informations

| Packaging Metrics | | Weights | | Delivery | | Other | |
|---|---|---|---|---|---|---|---|
| Length | 2,210 mm | Gross | 450 kg | Delivery | Carrier | DualUse | ✖ |
| Width | 750 mm | Net | 450 kg | Content | 1 pc(s). | SCIP | n/a |
| Height | 1,150 mm | | | | | SVHC | No |

### Root data

| Country of origin | EAN | Customs Tariff Number | Quantity unit |
|---|---|---|---|
| Italy | 4036351221333 | 84659200 | pc(s). |

MADE IN ITALY

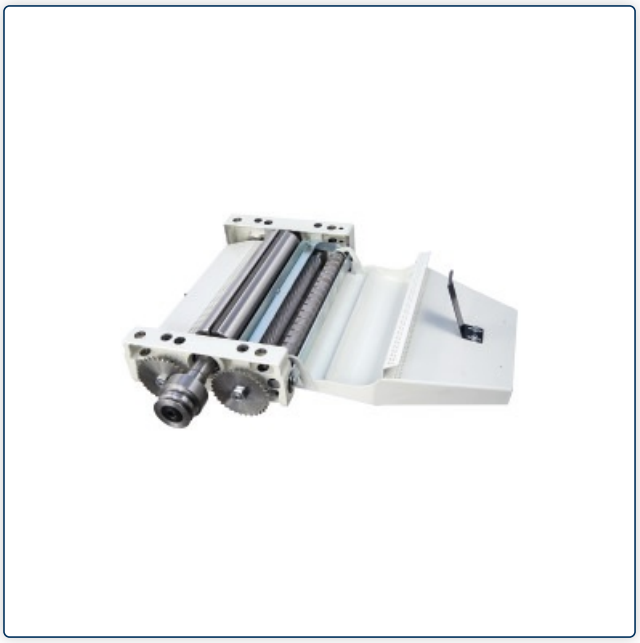
## Description

- Diagonally toothed steel infeed roller for constant and even material infeed, resulting in chip removal from as little as 0.2 mm (with a minimum workpiece thickness of 3 mm) - ideal for economical planing of fine wood
- Models with TERSA cutterblock for changing planing knives in seconds and particularly quiet operation
- Material feed with two speeds
- Particularly long planing tables enable easy and precise planing of workpieces
- Grey cast iron work tables, annealed and stress-free, making them robust and permanently flat
- Dressing tables open to the rear at the same time for short set-up times
- Planer thicknessing table adjustment via handwheel with numerical display for planing height
- High machine weight for maximum precision and smooth running
- Powerful industrial motor
- Robust steel/cast iron construction
- Equipped with fold-down planer shaft guard for user-friendly operation
- Quality - Made in Italy

**Manufacturer**
SCM Group S.p.A Div. MINIMAX
Via Casale 450, 47826 Villa Verucchio (RN), Italy
minimax@scmgroup.com

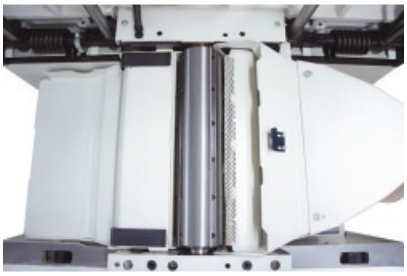
## Media informations





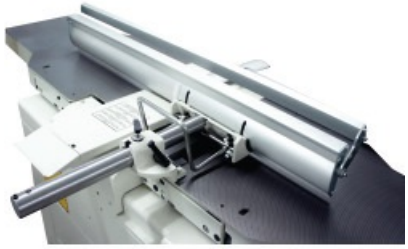
**Constant, even material feed**

- Chip removal from as little as 0.2 mm (with min. workpiece thickness of 3 mm) thanks to helical toothed feed roller (ideal for economical planing of precious wood)
- Slanted toothed steel feed rollers for a constant and even wood feed without marks
- Multiple teeth grip simultaneously for powerful feed
- Wear-free unlike rubber feed rollers



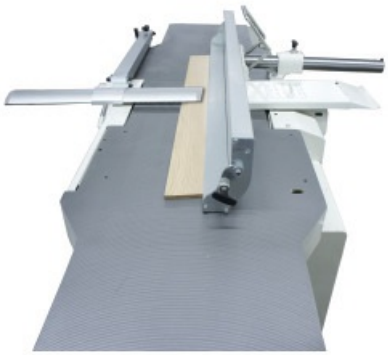
**Recoil protectors**

- Massive anti-kickback devices prevent the kickback of workpieces



**Anodized aluminum dressing fence**

- Largely dimensioned (1200 x 150 mm)
- Easily adjustable
- Tiltable from 90 to +45° via scale



**Auxiliary stop**

- For safe planing even of narrow workpieces



**Conversion to thickness planing in seconds**

- Thanks to the permanently mounted extraction bonnet, it is no longer necessary to reposition the extraction hose during conversion
- This saves valuable working time
- Simultaneous folding up of the jointer tables with tension spring support for quick and convenient conversion to planing in seconds
- Image shows minimax fs 41es TERSA Digital



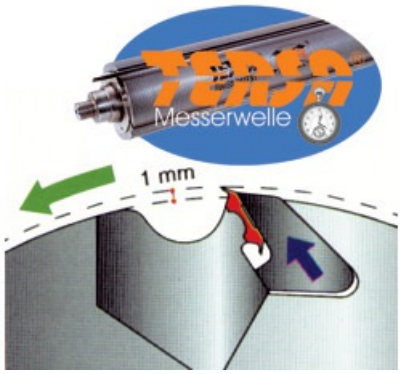
**Thicknessing table**

- Mounted on four large-dimensioned spindles, which ensure the greatest stability under all working conditions
- Thanks to the special lifting device, the table position is perfectly maintained, even without locking.



**Thickness table adjustment**

- Via handwheel with integrated display




**Tersa planer cutterhead**

- No more adjusting and screwing
- Change planing knives in seconds
- Self-locking
- Particularly quiet running
- Optimal planing pattern

## Technical data

| Dimensions and weights | | | |
|---|---|---|---|
| Length (product) approx. | 2200 mm | Width/depth (product) approx. | 1160 mm |

| | | | |
|---|---|---|---|
| Net weight approx. | 450 kg | | |
| **Jointing** | | | |
| Total length of table | 2200 mm | Working height | 905 mm |
| Max. cutting depth of joints | 5 mm | Planing stop length | 1200 mm |
| Planing stop height | 150 mm | Planing stop pivoting range | 90 – 45 ° |
| **Extraction port** | | | |
| Extraction port diameter thickness | 120 mm | | |
| **Installation information** | | | |
| Space requirement length | 2200 mm | Space requirement width/depth | 1200 mm |
| Space requirement explanation | The dimensions take into account maximum travel distances or useful lengths. | Machine body length | 1030 mm |
| Machine body width/length | 740 mm | Work area length | 1000 mm |
| Work area width/depth | 3500 mm | Explanation about work area | Please add the given dimensions with the required space to obtain the free space recommended for the machine. |
| **Thickness** | | | |
| Thicknessing table length | 775 mm | Thicknessing table width | 410 mm |
| Working height min. thickness | 3 mm | Working height max. thickness | 240 mm |
| Max. cutting depth thickness | 5 mm | | |
| **Electrical Data** | | | |
| Drive motor output | 5 kW | Supply voltage | 400 V |
| Mains frequency | 50 Hz | | |
| **Planing knife shaft** | | | |
| Planing shaft type | TERSA | Planing shaft diameter | 95 mm |
| Number of planing blades | 4 St | Planing shaft speed | 5000 $min^{-1}$ |
| Max. planing width | 410 mm | | |
| **Feed** | | | |
| Feed speed | 6 / 12 m/min | | |

## Accessories



### Reversible planer knife

holzkraft Holzbearbeitungsmaschinen

Tersa 410 x 10 x 2.3 mm chrome (4 pieces)

Quality at reasonable prices

| Article number | Availability | Purchase | Price informations |
|---|---|---|---|
| 5270411 | In stock<br>Immediate delivery | Minimum 1 Set (4 pc(s).) | |



### Reversible planer knife

holzkraft Holzbearbeitungsmaschinen

Tersa 410 x 10 x 2.3 mm M+ HSS (4 pieces)

Quality at reasonable prices

| Article number | Availability | Purchase | Price informations |
|---|---|---|---|
| 5271411 | In stock<br>Immediate delivery | Minimum 1 Set (4 pc(s).) | |



## Diamond Whetstone

High-quality diamond honing stone for quick sharpening of carbide, HSS and tool steel

| Article number | Availability | Purchase | Price informations |
|---|---|---|---|
| 5275100 | No stock available<br>Information:<br>Next availability<br>Unknown | Minimum 1 pc(s). | |



## Long hole drill set

5-part, clockwise

| Article number | Availability | Purchase | Price informations |
|---|---|---|---|
| 5333682 | In stock<br>Immediate delivery | Minimum 1 pc(s). | |



## Lifting and moving device

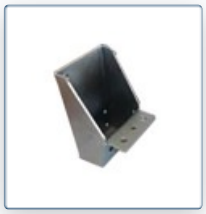
| Article number | Availability | Purchase | Price informations |
|---|---|---|---|
| 5514108 | In stock<br>Immediate delivery | Minimum 1 pc(s). | |



## Slot mortising equipment

LLBE-F-ELITE-S

| Article number | Availability | Purchase | Price informations |
|---|---|---|---|
| 5514330 | No stock available<br>Information:<br>Next availability<br>Unknown | Minimum 1 pc(s). | |



## Mounting bracket

for Suvamatic protective device

| Article number | Availability | Purchase | Price informations |
|---|---|---|---|
| 5514114 | No stock available<br>Information:<br>Next availability<br>Unknown | Minimum 1 pc(s). | |



## Tiltable Planer Shaft Protection

fs 41es

| Article number | Availability | Purchase | Price informations |
|---|---|---|---|
| 5514140 | No stock available<br>Information:<br>Next availability<br>Unknown | Minimum 1 pc(s). | |

**Options equipment**



## Motor power
7.0 kW

| Article number | Availability | Purchase | Price informations |
|---|---|---|---|
| 5514331 | No stock available<br>Information:<br>Next availability<br>Unknown | Minimum 1 pc(s). | |



## Rubber extraction roller
for thickness

| Article number | Availability | Purchase | Price informations |
|---|---|---|---|
| 5514339 | No stock available<br>Information:<br>Next availability<br>Unknown | Minimum 1 pc(s). | |

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