

## AUTOMATIC FEEDERS

# STEFF 20316 POWER

**Professional power-feeding unit with 16 fixed speeds and POWERFUL MOTOR 1,5 Hp**

**Safety device** for a safe and effective workpiece feeding on different types of traditional wood-working machines.

- Improves the safety: the operator does not have to put his hands close to the tool
- Improves the finish quality, thanks to the constant and even feed-rate
- Feed-rate can be easily selected to meet every specific working need
- Easily adjustable to suit different sizes of work piece

More than 400.000 machines manufactured, over sixty years' experience. Maggi is the only European manufacturer of power-feeding units, which are 100% Italian-made, and abiding by the highest quality standards, as a result of the "Lean" manufacturing process, also known as "Toyota System".

## TECHNICAL FEATURES MODEL

Main features:

n.16 fixed speeds ( 3-5-6-7-9-11-12-13-17-18-24-25-32-35-48-63 mt/min)

n.3 wheels SHS Semi-Hub System with fixed aluminium core and rubber covering (diameter / thickness: 120x60 mm)

Motor power: 1,5 HP / 1,1 kW - 1.400/2.800 RPM

Steel-made gear cover

Eco-friendly, rust-resistant powder coating

Manufactured according to EC standards

## STANDARD EQUIPMENT

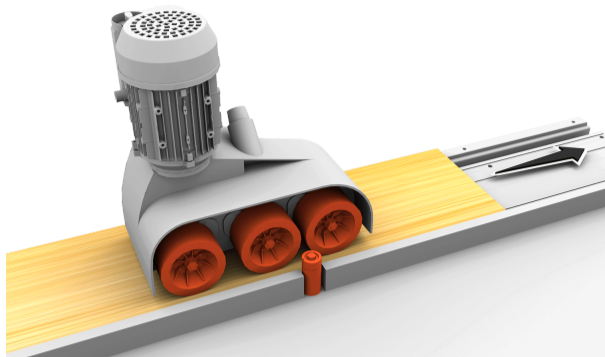
Aluminium housing and steel-made gear cover

1,5 HP motor with 3mt cable

50-Shore ""Feeder Grip"" rubber wheels

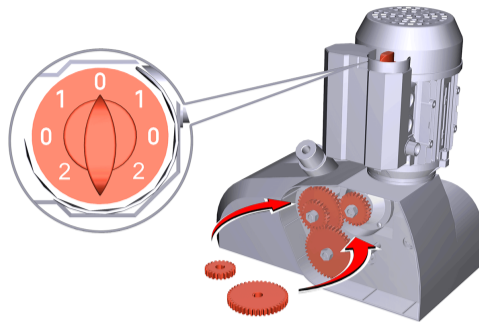
Package : recyclable cardboard box

# MORE INFORMATION



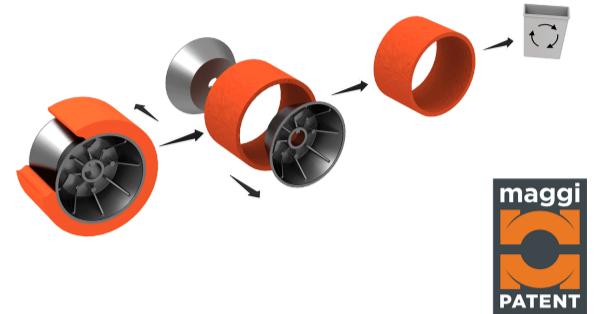
## HIGH-QUALITY END PRODUCTS

3-wheel model: the ideal solution for the feeding of laths and medium or small-size workpieces. Thanks to the two infeed-wheels and the third outfeed one, the workpiece is constantly and evenly fed through the working process, thus remarkably improving the quality of the end products.



## 16 SPEED - "SMART" AND QUICK SET-UP

Swapping and replacing the internal gears you can obtain 16 different speeds-unique-of-its-kind! Moreover, the speed selector, on the motor unit, allows a quick set-up of the 1st and the 2nd feed-rate and the quick change of the feeding direction back and forth.



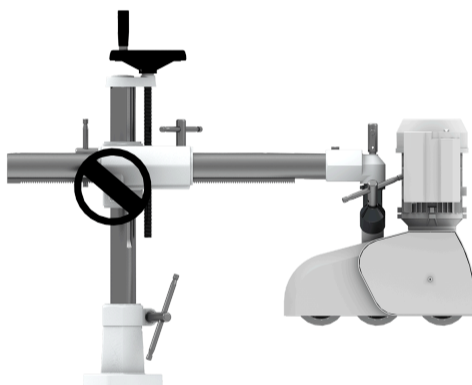
## ECO-FRIENDLY WHEELS

50-shore wheels made of patented "Feeder Grip" rubber, providing the highest grip, while the "SHS" patent reduces the wear rate by 51%, and the waste material (replaceable rubber casings) for a lower impact on the environment.



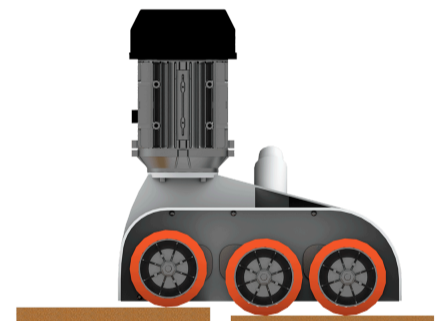
## SAFETY AS A CORE VALUE

A power-feeder improves the safety as it feeds the workpiece close to the tool, while operator's hands are kept at a distance. Its effectiveness depends on specific design and manufacturing criteria. Maggi feeders are the only ones designed and manufactured in Italy and abiding by all EU safety norms.



## UNIVERSAL STAND

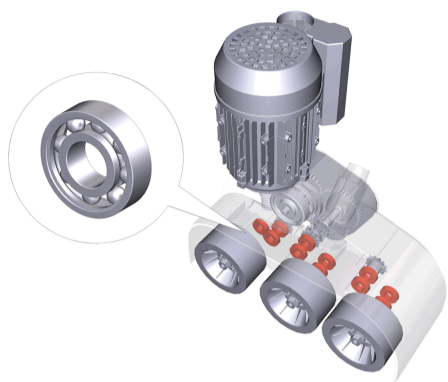
For easy positioning and adjusting of the feeding unit on the machine tool. It is easy to fix, stable and strong: foot, cross-shaped piece, pipe, and joint are made of cast-iron and the two columns are made of rectified steel of considerable thickness. Handles made of steel and adjusting wheels allow a quick and accurate positioning.



## HIGH ADAPTABILITY

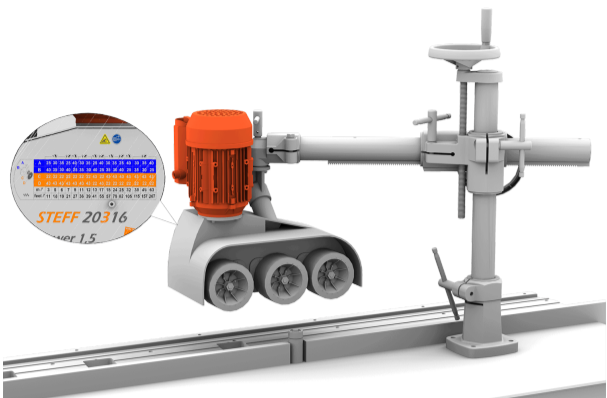
The 20 mm wheel suspension, with calibrated springs, allows the constant and even feeding of workpieces with different thicknesses without any additional set-up.

# MORE INFORMATION



### MAINTENANCE - FREE TRANSMISSION UNIT

The transmission unit, working on bearings, has almost no internal frictions, so that the amount of energy required is consequently reduced to the minimum. Unique of its kind.



### UNIQUE OF ITS KIND

Most powerful motor in its category (1,5 Hp) and widest range of feeding rates available on the market (16 speeds).

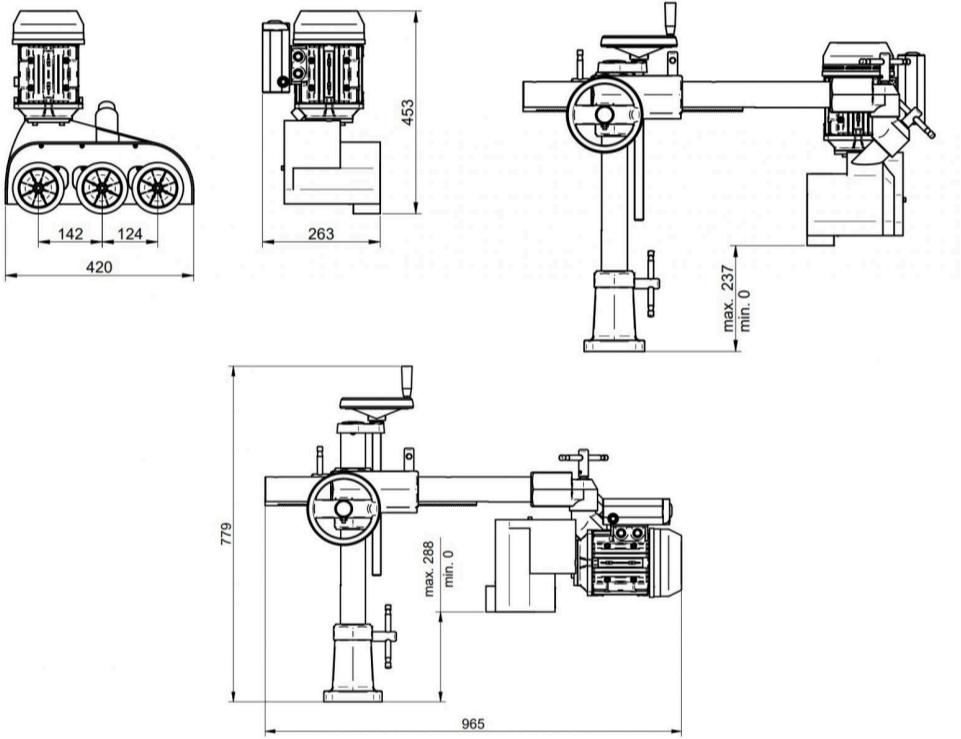


### SAFE STAND

Equipped with safety restraint devices (SPS - System) preventing accidental unkooks, to abide by EC safety norms.

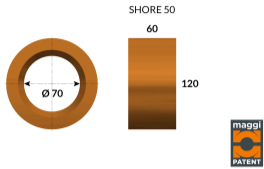
# DATA SHEET

N. of speeds back and forth	16
Fixed speeds	3 - 5 - 6 - 7 -9 - 11 - 12 - 13 - 17 - 18 - 24 - 25 - 32 - 35 - 48 - 63 mt/min
N. of wheels	3 (semi-hub)
Wheel diameter and thickness	120 x 60 mm
Motor	1,5 HP / 1,1 kW    RPM 1400 /2800
Wheel suspension	20 mm
Distance between wheels	142 mm - 124 mm
Distance between first and last wheel	266 mm
Overall dimensions and net weight of the feeding unit	424 x 210 x 460 mm - 30 Kg
Overall dimensions and net weight of the stand	790 x 705 mm - 24 Kg
Package dimensions and gross weight (feeding unit)	670 x 570 x 330 mm - 33.5Kg
Package dimensions and gross weight (stand)	800 x 330 x 330 mm - 26 Kg



# ACCESSORIES

Perfect grip on panels - Smooth surface



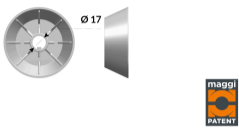
## Patented "Feeder Grip 758" rubber covering for SHS wheels on STEFF 20316 POWER and STEFF 2033

The special rubber covering, patented and guaranteed by Maggi: 60-year leading manufacturer, ensures the highest grip on the workingpiece. The innovative "SHS" patent provides a remarkable advantage reducing the rubber-roller wear rate by up to 51%

Patented "Feeder Grip 758" rubber covering for SHS wheels on STEFF 20316 POWER and STEFF 2033, 120x 60 mm diam. / 50 shore, best suited for smooth surfaces ( finished wood)

**CODICE: 31301019**

Save money



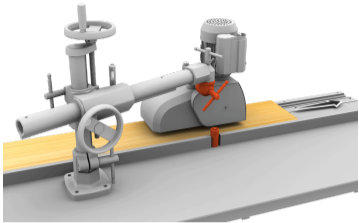
## One only semi-hub for SHS wheels suited for rubber coverings

The innovative "SHS" patent provides a remarkable advantage reducing the rubber-roller wear rate by up to 51%

One only semi-hub for SHS wheels, suited for rubber coverings 120x60 mm ( one roller is made up of two semi-hubs)

**CODICE: 41300062**

Increase the versatility



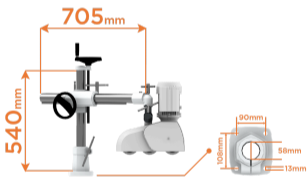
## Double joint to mount the power feeding unit to the right of the tool

Double joint to mount the power feeding unit to the right of the tool (only for STEFF 20316 POWER)

It allows to position the power-feeding unit also to the right of the tool for a higher versatility

**CODICE: 41400012**

Stand for STEFF 20136 POWER



## Stand for Steff 20316 POWER with 705 mm horizontal and 540 mm vertical column

Stand for Steff 20316 POWER with 705 mm horizontal and 540 mm vertical column

It is the essential complement to the power-feeding unit as it allows its positioning and fine adjustment on the machine tool

**CODICE: 13133600**

Special voltages

## Single-phase Motor

To have the machine working in small handcraft shops having an electric system running on 220 VItS

**CODICE:**

Special voltages

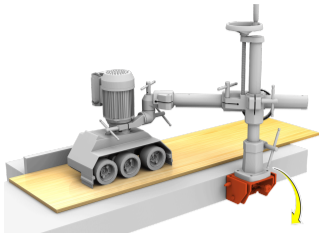
## "CSA" standards

Electrical standards abiding by the Canadian wiring regulations

**CODICE:**

# ACCESSORIES

Save space on the working table



## Tipper clamp 96

It permits to fix the base of the universal stand sideways of the working table and to tilt the power-feeding unit quickly to free space for maintenance and/or other adjusting operations

**CODICE: 22100151**

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