



STEFF

AUTOMATIC FEEDERS

- ▶ STEFF **2034**
- ▶ STEFF **2044**
- ▶ STEFF **2038**
- ▶ STEFF **2048**
- ▶ STEFF **2038** CI
- ▶ STEFF **2068**
- ▶ **VARIO**STEFF 3
- ▶ **VARIO**STEFF 4
- ▶ STEFF **2033**
- ▶ STEFF **2032**



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maggi engineering

THE TRADITION OF TECHNOLOGY

- ▶ In Tuscany, we have traditions that survive through the centuries. They derive from our arts and crafts, technology and every aspect of human activity, and are achieved through a successful combination of creativity and experience. Our company is located in Certaldo, in the heart of Tuscany. It has been engineering and producing woodworking machinery since 1963. We began our business producing automatic feeders. Now, our range of products has widened to include radial arm saws and a line of multiple boring machines: technology for both handcrafts and industrial activities. The remarkable quality of our machines, the reliability of our staff and the competence of our technicians have contributed to the success of Maggi Engineering all around the world, making it the world-wide leader in the production of automatic feeders. We currently export 85% of our products to more than 80 countries, thanks to our efficiency and impeccable customer service. With a staff of more than 60, employees Maggi Engineering is a well-structured company always on the move. We welcome the challenge of the new millennium, confident in the future by relying on our line of high-tech products.



THE STEFF LINE

STEFF



- ▶ STEFF is our traditional brand for automatic feeders. These machines have enjoyed outstanding success all around the world since they were first produced by our company in 1969. Up to now, Maggi Engineering has produced more than 300,000 units.

Over the last few years we have worked on updating the technology and design of these machines to meet the requirements of our customers. As a result, we created a product that is highly competitive and always a step ahead, while still in compliance with CE and GS regulations.

The STEFF line includes a series of various models answering to different processing needs: our customers can choose among feeders with 3, 4 or 6-rollers or with traction belts, with 4 or 8 steady speeds for back-and-forward motion and with variable speeds from 3 to 18 mt per minute on models VARIOSTEFF 3 and VARIOSTEFF 4.

Model STEFF 2033 for semi-professional standard machines and STEFF 2032 for hobby machines.

All feeding units are equipped with an adjustable universal stand, which enables users to put the machines in different positions according to different processing needs.

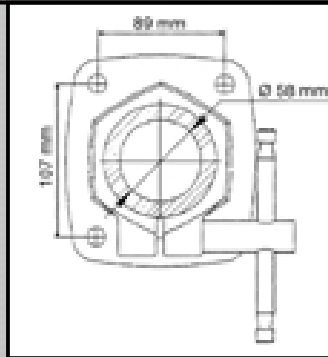


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VARIO STEFF 4



ACCESSORIES AND TECHNICAL FEATURES



▲ DIMENSIONS OF THE BASIS
FOR UNIVERSAL SUPPORT

◀ **UNIVERSAL ADJUSTABLE STAND:** Thanks to this device the feeding unit can be positioned on the machine in ways that allow the feeder to work at its best, driving the workpiece towards the machine tool and putting it in the most suitable position.

The stand is made extremely strong also thanks to its basis, cross-shaped part, cap, pipe, joint and collar, all made of cast iron, and also thanks to the tubes of rectified and quite thick steel. Aluminium handwheels make it easy and quick for the user to put the machine in vertical and horizontal position.

In conformity with CE norms for safety (89/392) the stand is equipped with a mechanical device, which prevents the different parts from accidental detachment. Standard horizontal tube is 720 mm long. Longer versions (885 mm or 970 mm) are also available on request.

Standard vertical tube is 580 mm long. Longer version (860 mm) is also available on request.

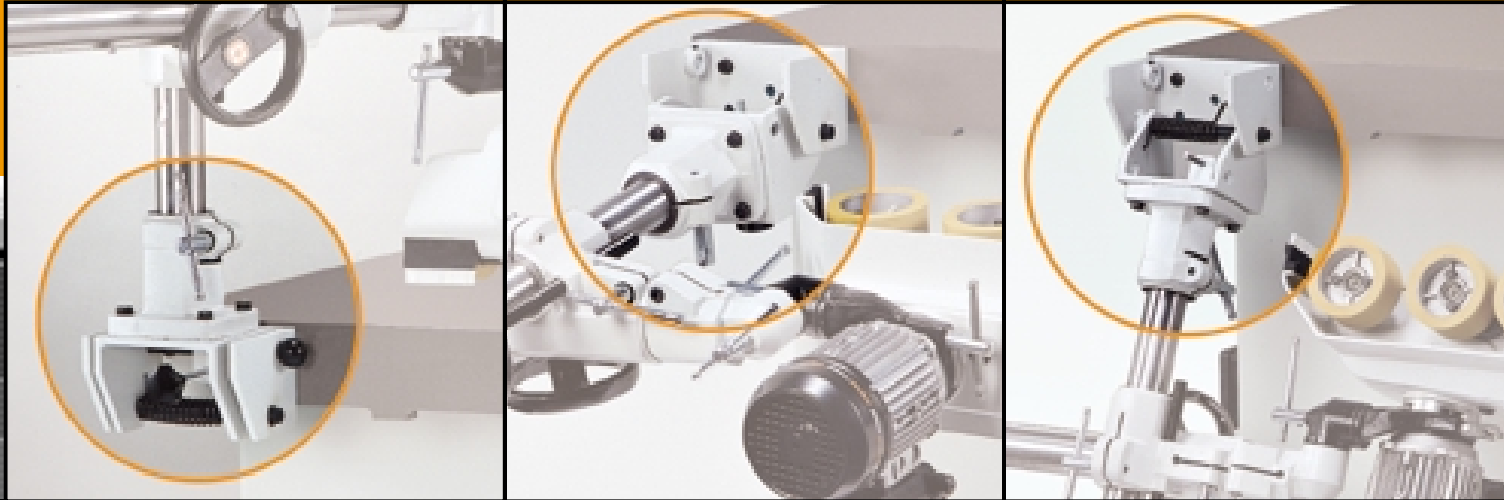


◀ **ADDITIONAL STAND**

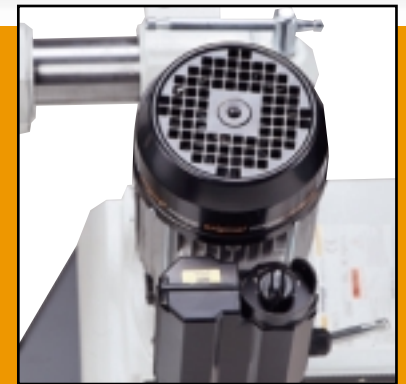
Considering features of model STEFF 2068, a six-wheeled automatic feeder, the use of an additional stand is recommended so as to improve stability of the feeding unit in case of heavy work processing.

STEFF

- ▼ **THE TIPPER CLAMP** permits to fix the base of the universal stand sideways of working table and mainly to tilt quickly the feeder when you don't need it.



► THE GEAR SHIFT



- ▼ The roller **CALIBRATED SPRING** permits a perfect grip of pieces for a correct processing and it adapts itself to feed at the same time pieces with different thickness.

- ▲ **THE MOTOR** has double polarity (1400-2800 rpm), by the switch we obtain 2 speeds - back and forward motion.

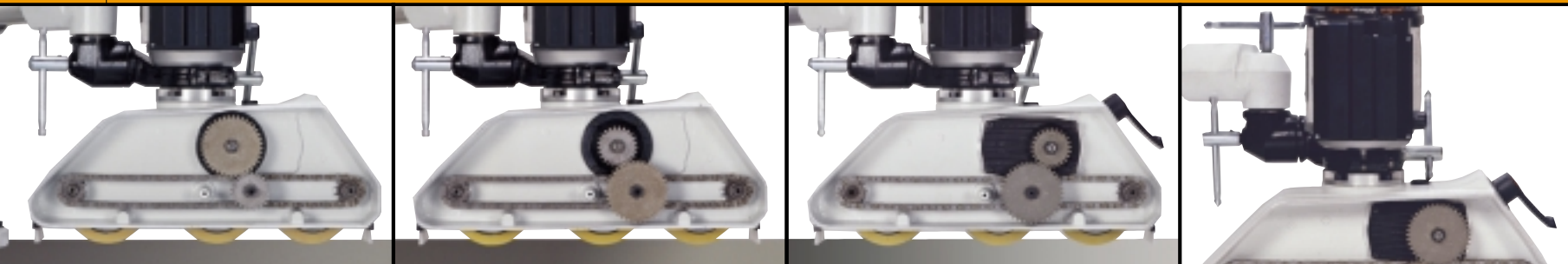


- ▲ **SAFETY BRUSHES** fitted on both feeder sides according to CE safety regulations (89/392).

- ◄ **STEEL ROLLERS** standard dimension \varnothing 120x60 mm
The use of this kind of rollers is suitable to feed raw wood beam or semfinished, assuring a perfect grip, and making the roller material wear resistant.

ACCESSORIES AND TECHNICAL DETAILS

▼ **INTERCHANGEABLE GEARS** Sintered, carbo-nitrided and tempered gears; by inverting them, we obtain high and low speeds, according to their position.

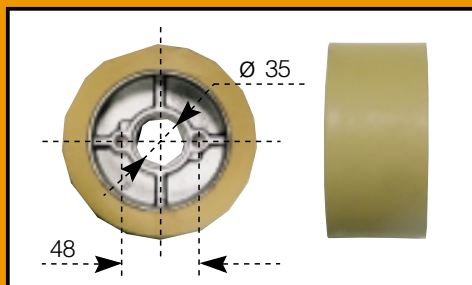


▲ Gears position on models STEFF 2034 / STEFF 2044 for high speeds (11 - 22 mt/min).

▲ Gears position on models STEFF 2034 / 2044 for low speeds (4 - 8 mt/min).

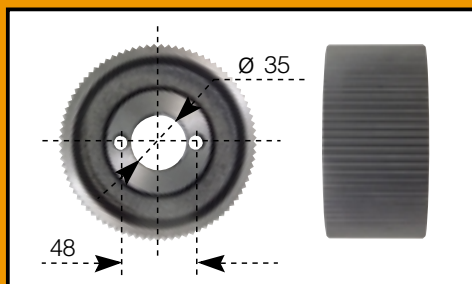
▲ Gears position on models STEFF 2038 / STEFF 2038 CI STEFF 2048 / STEFF 2068 for lowest speeds (2 - 4 mt/min).

▲ Gears position on models STEFF 2038 / STEFF 2038 CI STEFF 2048 / STEFF 2068 For highest speeds (16,5 - 33 mt/min).

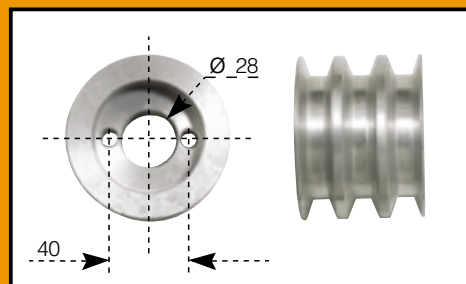


◀ RUBBER ROLLERS

Standard dimension Ø 120x60 mm, hardness 60 shore. Rubber composition (SBR 6570) is the result of many tests, it guarantees the maximum grip on any kind of material and the long lasting rubber. This roller fits on any STEFF feeder produced in the last 30 years.



▲ **STEEL ROLLERS** standard dimension Ø 120x60.



▲ **ALLUMINIUM PULLY** 3 grooves Ø 80x 60 mm permitting the belt movement of model STEFF 2038 CI.



▲ **BELT** 17x21x830 mm, hardness 60 shore. Specially produced on our drawing for model STEFF 2038 CI.

APPLICATIONS AND SAFETY



- The automatic feeding units are necessary for greater operator safety.

In addition to greater safety, the use of a feeder guarantees an even constant processing that is difficult to obtain by hand, with an excellent quality of the worked piece.

We suggest the application on:
moulders, circular saws, panel saws,
surface planing machines, edge
banders, sanding machines, etc.;
here are some fitting applications.

