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# NICKEL 35

Automatic single-sided edgebander

EN



# Nickel 35 Edgebander

Automatic single-sided edgebander



**TOUGH**CUT

The Toughcut Nickel 35 edgebander is designed for the smaller cabinet shops while still having many of the features of its bigger brother in the Rutile range

These machines are designed to have a smaller foot print while still giving a Quality finish to the product. With a feed speed of 10m/min, double end saws along with flush trimming, glue scraping and buffing this machine has all the right features.

Nickel edgbanders offer consistent performance,superior reliability with easy to use and uncomplicated adjustments.

It is the perfect beginning for your hotmelt edgebanding.



# Features

Workpiece Infeed Stop



An automatic pneumatic cylinder on the infeed prevents panels being fed incorrectly

IR Lamp



For an improved edge adhesion when processing cold workpieces.

Glue Application Unit



The Teflon coated glue pot ensures non-stick, easy clean from glue residue, reducing down-time in cleaning and maintenance. Automated glue control prevents glue from burning when machine is in standby, thus preventing glue carbonisation and ensuring energy efficiency

Panel Feed System



Rubber pads and heavy duty chain ensures total alignment and accuracy when processing panels

Safety Infeed Guard



Safety guard with micro switch prevents incorrect workpiece thickness and ensures optimal safety for user

Manual Height Adjustment



Manual height adjustment with digital read-out of the workpiece, twin to roller ensures equal pressure distribution for the workpiece

Edgebanding Roll Support



Edgebanding roll support via roller bearings

Extendable Workpiece Support



Stable workpiece support extends up to 800mm without any additional floor support

# Features



# Features

# TOUGH CUT

Touch Screen Control



User friendly touch screen control and interface ensures quick and easy execution of customised working programs

End Cutting Unit



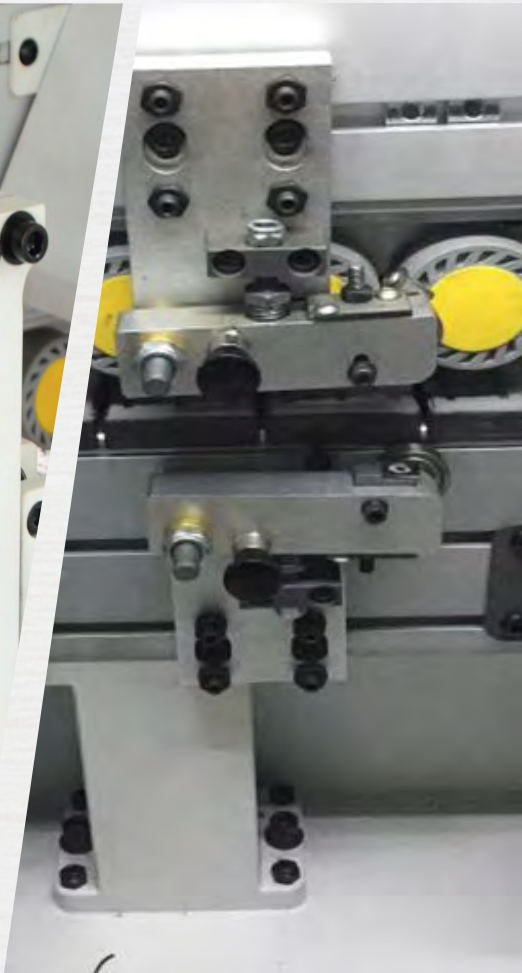
With two independent high frequency motors to cut the front and rear edge. Each operating motor is equipped with copying device for an accurate positioning of blades in relation to the cutting point

Flush Trimming unit



Equipped with two independent high frequency motors mounted on a support firmly fixed to the frame to carry out the trimming of the bottom/top exceeding edge. Each motor is equipped with vertical rotation copying devices and front copying pad, easy to read digital adjustment and accurate positioning of tools with reference to the trimming.

Flat Glue Scraper



The manual adjustable scraper knives ensure a perfect finish on the panel surface

Cleaning Sprayer



With cleaning sprayer unit that dispenses liquid spraying agent to ensure optimal buffing and cleaning

Buffing Unit



With 2 independent motors for the buffing/polishing of the edge.

Automatic End Cutting Lubrication



Automatic end cutting lubrication system to assist with maintenance procedures to improve stability and longevity of the machine



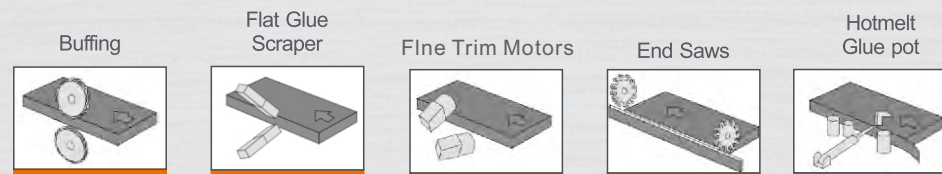
# TOUGH CUT

## Specification

### Technical Data

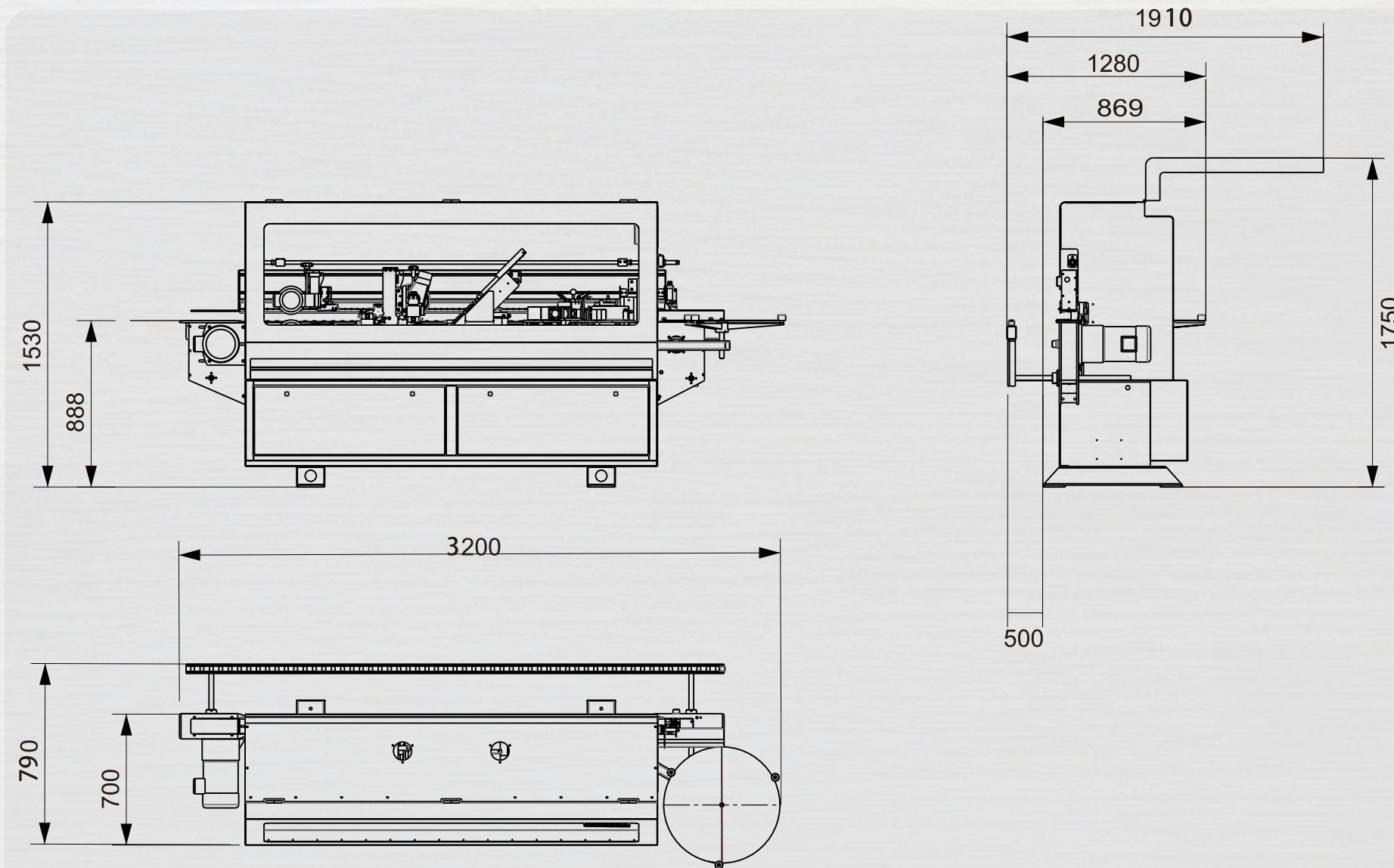
Panel thickness	10-60 mm
Edge thickness	0.4-2 mm
Feed speed	10 m/min
Panel width	80 mm
Min. workpiece length	120 mm
Compressed air required	6bar
Motor Power	8.97KW
Dust extraction Dia.	2×100 mm
Total machine weight	917 Kgs
Packing size	3000×900×1550mm

### Standard Equipment



# TOUGH CUT

## Machine Footprint





## WHO WE ARE

The TOUHCUT brand was founded in Perth, Western Australia in 2017 by Tony Mirabile. The TOUHCUT brand designs, manufactures and markets a range of high quality machinery for wood and other materials for furniture, joiners, cabinet manufacturers and other woodworking manufacturers around the globe. Inspired by the Western Australian owned "Tough" family brand, which was synonymous with engineering and production of high quality castings, machinery and equipment from 1912 to 1991. Tony decided on producing a range of TOUHCUT equipment to be better than the best.

Tony has used Tough equipment in his own cabinet making shop since 1974 and drawing on his own furniture making skills along with extensive 30 plus years of sourcing and importing equipment from around the globe. Tony has employed this experience and knowledge of markets and preferences, to embody and amplify it in the brand TOUHCUT. TOUHCUT represents all of the MIRABILE family values of hard work, dedication strength and commitment.



Western Australia is renowned the world over for its mineral richness - some of the largest natural occurrences of iron ore. Australia is a leading producer of minerals for the world and produces 19 minerals in significant amounts from nearly 400 operating mines. Western Australia provides all the vital ingredients for producing modern, high quality, high tensile metals. Australia is the world's leading producer of bauxite, ilmenite, iron ore, rutile and zircon; the second largest producer of gold, lead, lithium, manganese ore and zinc; the third largest producer of uranium; the fourth largest producer of black coal (also the largest exporter), nickel and silver; and the fifth largest producer of cobalt, copper and diamond.

TOUHCUT embodies the Australian robustness, producing modern, high tech professional equipment that embraces design, technology and materials, embellished by over 35 years of knowledge of modern market, from Bauxite to Zircon to Rutile and of course Diamond.

TOUHCUT machinery is the true essence of robust quality machinery.

