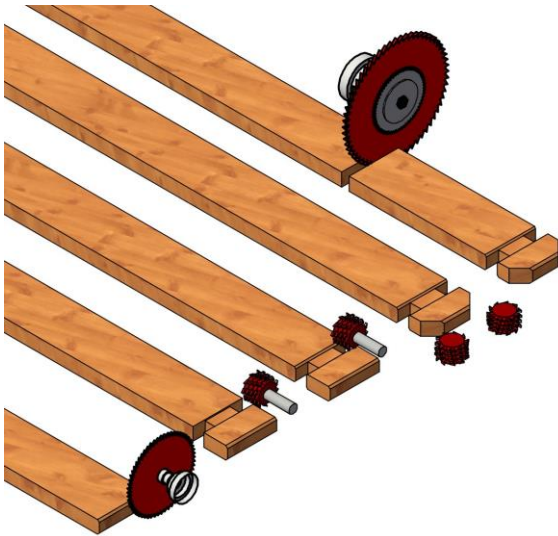


FRONTAL CN 5S 5000 11U



NC multi process working center with 11 cutting and milling units
5 independent working stations
Automatic loading and discharging system
protection cabin according with CE regulations.

Special configuration for garden houses "block-house" connection elements



Useful dimensions of pieces:

Min [mm] Max [mm]

Length: 520 / 5000

Width: 95 / 200

Thickness: 16 / 50

Productivity:

Pieces/minute : 10

Dimensions and weight

10300x8700x2500 mm

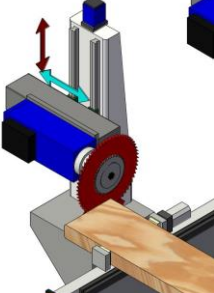
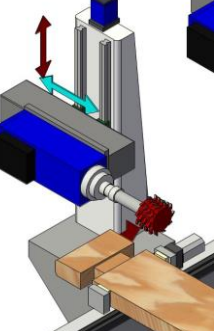
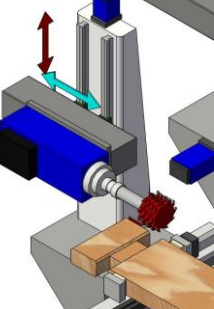
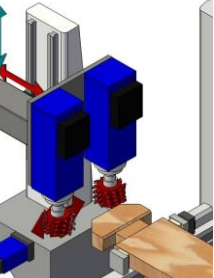
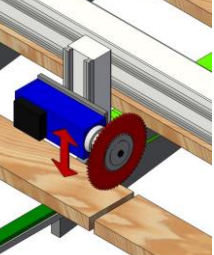
10600 Kg

VIDEO LINK:

https://www.youtube.com/watch?v=Sc8_o69lf0Y&feature=youtu.be

FRONTAL CN 5S 5000 11U

Overview of the 5 working stations

1st WORKING STATION		<p>N°1+1 vertical cutting unit NC controlled on 2+2 axis Y-Z, kW 8.5 / 6.500 rpm. Tool's shaft Ø 40 mm.</p>
2nd WORKING STATION		<p>N°1+1 horizontal milling unit NC controlled on 2+2 axis Y-Z, kW 12.0 / 7.000 rpm. Fast change tool holder HSK63C.</p>
3rd WORKING STATION		<p>N°1+1 horizontal milling unit NC controlled on 2+2 axis Y-Z, kW 8.5 / 9.000 rpm. Fast change tool holder HSK63C.</p>
4th WORKING STATION		<p>N°2+2 vertical milling unit NC controlled on 2+2 axis Y-Z, kW 6.0 / 11.000 rpm. Fast change tool holder HSK50C.</p>
5th WORKING STATION		<p>N°1 vertical cutting unit, kW 3.0 / 4.500 rpm. Tool's shaft Ø 30 mm.</p>

FRONTAL CN 5S 5000 is the solution expressly designed for cutting - multiple milling of long shaped elements from 500mm up to 5000mm, with automatic positioning on multiple stations. It is proposed for the production of "block house" interlocking elements of prefabricated residential and garden structures.

High productivity thanks to the automatic positioning on multiple stations where all the operating heads work simultaneously, combined with the flexibility typical of NC machining.

Automatically, **FRONTAL CN 5S 5000** performs fast, precise and quality machining with a guarantee of repeatability over time.

The special horizontal belt loading system (also suitable for robot loading), station feed and synchronized clamping of the workpieces guarantees precise and clean machining even for large material removal.

De **FRONTAL CN 5S 5000** is speciaal ontworpen voor het zagen en frezen van lange elementen (van 500 tot 5000 mm) met automatische positionering op meerdere stations. Deze machine is geschikt voor de productie van elementen met 'block house' besturing van geprefabriceerde huis- en tuinstructuren.

De productiviteit ligt hoog dankzij de automatische positionering op meerdere stations. Zo werken alle bedienkoppen tegelijk, in combinatie met de flexibiliteit die typisch is voor CNC-machines.

Voordelen:

- Hoge productiviteit
- Snelle en nauwkeurige automatische instellingen
- Kwalitatieve mechanica en componenten
- Efficiënte reiniging met stofopvang, stofafzuiging en afvalverwerking
- Eenvoudige programmering met specifieke software
- Uitgebreid maatwerk
- Bewezen technologie voor industrieel gebruik