

flextos[®]

Hybrid CNC — for automated milling and sawing processes

intuitive
individual
efficient



work smart.

Configuration Options + Accessories

Hybrid CNC (see illustration 01)

stationary milling and sawing table for max. panel sizes of 3.6 x 1.3 m
including portal and control cabinet
automated milling and sawing functions
program import via USB stick
specially developed software

1.8 kW Milling Unit (see illustration 02)

high-performance milling motor
12 mm cutter shaft retainer
retainer for milling tools up to 135°
with spot laser for zero point adjustment

1.5 kW Sawing Unit (see illustration 03)

cutting depth up to 61 mm
innovative swivel technology of x-/y-axes
convenient laser adjustment

1.5 kW Multi-Blade Sawing Unit (see illustration 04)

7 parallel saw blades
without swivel technology – y-direction cutting
convenient laser adjustment
for curvatures, columns, and arches

High-Performance Industrial Vacuum Cleaner DC 1800 eco (see illustration 05)

suitable for source extraction from handheld power tools and table machines
mobile and powerful

High-Performance Industrial Vacuum Cleaner DC Tromb 400a (see illustration 06)

most powerful extraction system in our product range
suitable for all milling and sawing tables of our Supercut series
up to 90% of the generated dust are separated in the integrated cyclone unit

Pre-Separator (60 l/200 l) (see illustration 07)

for a consistently stable extraction performance and low filter loads
for extracting even the largest amounts of dust
up to 90% of the generated dust are separated in the upstream cyclone separator

illustration 01



illustration 02



illustration 03



illustration 04



illustration 05



illustration 06



illustration 07



Customized Software

Chain Dimensions (see illustration 08)

simple and efficient production of mouldings

individual specification/input of dimensions

Standard Shapes (see illustration 09)

standard as well as individually and flexibly adaptable shapes
such as circles, rectangles, and arches

individual specification/input of dimensions

Intuitive Teach-In Function (see illustration 10)

individual shape design

creation of programs by marking individual points
("painting by numbers")

Import via USB Stick (w/o illustration)

import of individually created programs
(e.g. according to architect specifications) via USB stick

code generation with optionally available program

illustration 08



illustration 09



illustration 10



Features

flow-optimized extraction
automated production processes
pre-set programs
teach-in function
NC code import

Benefits

largely dust-free work operations
increased efficiency
easy operability without any previous programming knowledge
creation and production of complex free forms
individual programs as per drawing specifications

work smart.

Board processing and moulding production made easy.

With the specialized milling and sawing machines of the flextos Supercut series, boards and panels made of mineral fibre and gypsum-based materials (e.g. gypsum plasterboard) may be processed optimally and efficiently. In addition to that, these machines may be used to produce both angular and round gypsum plasterboard mouldings: their most precise milling and sawing technology ensures the production of perfect and cost-effective mouldings, which can then be assembled and installed right on site, in one single work step. Clean and exact corners render both the use of filler profiles as well as any of the conventionally required filling work absolutely superfluous.

In short, a significant reduction of time and material at a comparatively higher quality and efficiency.

The systems of the flextos Supercut series are ideal and therefore indispensable for modern drywall construction and interior finishing alike, in particular for the realization of architecturally demanding construction projects.

Optimize time expenditure, efficiency, quality, and cost with the innovative, versatile and multifaceted flextos systems.

Hybrid CNC – automated milling and sawing processes absolute novelty

Top professional board processing + moulding production. Flexible + individual. Simple + intuitive operation.

As an absolute novelty on the market, the flextos Hybrid CNC is the first milling and sawing table to 100% fulfil the ever-increasing demands on quality, design, and efficiency in drywall construction.

Layout and design of the machine are based on the proven concept of the flextos Supercut series. In addition to the customarily simple and dust-free processing of different board/panel materials, a number of other technical innovations have been added: with its specially developed software, the flextos Hybrid CNC may be controlled via a user-friendly user interface (intuitive touch panel) – without any previous CNC programming knowledge – or the import of CNC programs via USB stick.

A unique feature of the Hybrid CNC system is its sequence control mechanism, for the production of individual mouldings – with this feature a wide range of dimensions may be produced in series.

The Hybrid CNC teach-in function allows for the creation of programs by marking a shape or points on a board/panel, and saving these individually – comparable to "painting by numbers".



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