



**Product
catalogue**

MULTI-BLADE SAW

DPPE 60 ▶

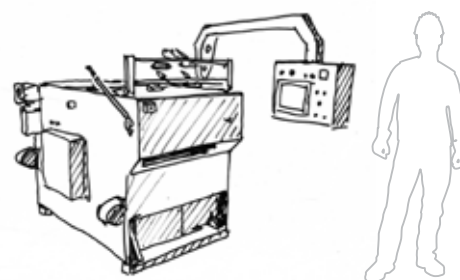
A new generation of multi-blade saws for cutting planks and bales with programmable width and cutting adjustment for four blade saw bushings at a time. The saw functions as either an edger or a multi-blade saw. Converted wood on saws in the form of piles and side timber can be fed entirely to the multi-blade saw and sawed into various-sized pieces, as needed. The high speed of cut setting adjustment (about 1 second) in combination with a precise accuracy of feeding sawed wood through the guide wedges, ensures new mechanisation opportunities for flexible sawmill lines.

Basic technical data

DPPE 60

Edger horizontal clearance	730 mm
Edging width on the middle bushings	26 mm - 376 mm
Edging width on the external bushings	52 mm - 227 mm
Edged material thickness	12 mm - 140 mm
Minimum length of edged material	1250 mm
Saw diameter (MAX)	420 mm
Number of edging saws	2 - 8 pcs
Number of saws for slats	10 pcs
Saw spindle rotation speed	2860 rpm
Travel speed	5 - 90 m/min
Edger vertical clearance	146 mm
Saw drive motor power	30 kW; 45 kW; 55 kW
Overall dimensions* (L x W x H)	1730 x 1410 x 1340 (mm)
Weight	~ 3000 kg

*without table



Additional outermost saws can be mounted on the external bushings to obtain extra slats of up to 50 mm in width.

HORIZONTAL PROFILING MOULDERS

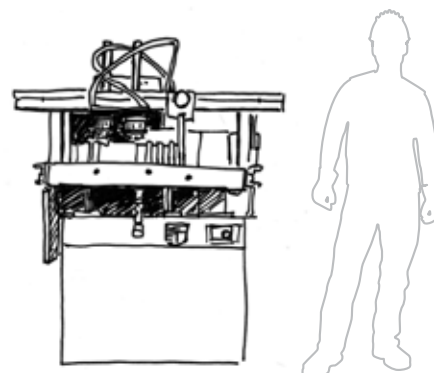
DFPA 40 ▶

Intended use: for making any types of sockets and milling on flat surfaces of profiled curvilinear and rectilinear sections in wood materials, wood derivatives and some plastics. Perfect for high-volume production of wooden fittings and garden programmes, including railings, fences, decorative poles, balusters and elements of drawers, hives, hive frames, etc. Used in the furniture and carpentry industries. Designed for: milling components in packages and micro sockets when joining wood, etc.

Basic technical data

DFPA 40

Maximum milling height	100 mm
Maximum milling depth	40 mm
Maximum milling width	200 mm
Maximum mill diameter	200 mm
Spindle rotation speed	5100 rpm
Motor power	7.5 kW
Travel speed	0 - 6.5 m/min
Air demand at 8 cycles per minute	100 NI/min
Weight	380 kg





VERTICAL FRAME SAW

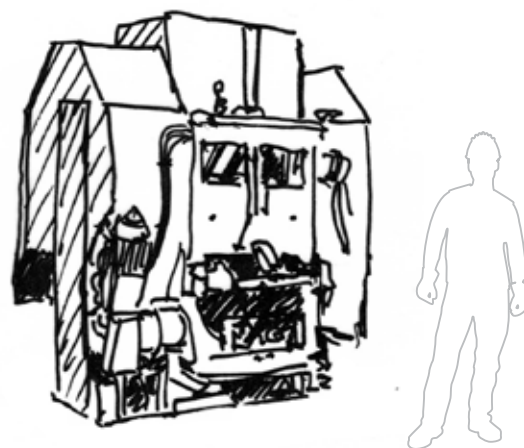
FTAA-60 ▶

Intended use: for converting coniferous and deciduous wood logs or piles into unedged timber. Designed for: small-size sawmills, forestry and agricultural farms. With their small dimensions and the upper roller drive, they can be installed in sawmill halls and other single-level rooms. Low electric power consumption per m³ of converted wood. A special attachment can be used to convert chocks, short scraps and pulpwood pieces of at least 1 m in length.

Basic technical data

FTAA 60

Saw frame horizontal clearance	600 mm
Saw frame stroke	400 mm
Clearance between rollers	60 mm - 550 mm
Minimum length of converted logs	2200 option (1000) mm
Main shaft rotating speed	280 rpm
Travel per 1 rotation of the main shaft	2.5 mm - 18 mm / 1 rotation
Maximum number of saws	12 pcs
Main motor power	30 kW
Feed motor power	2.2 kW
Overall dimensions (L x W x H)	1490 x 1600 x 2270 (mm)
Weight	~ 4365 kg



VERTICAL FRAME SAW

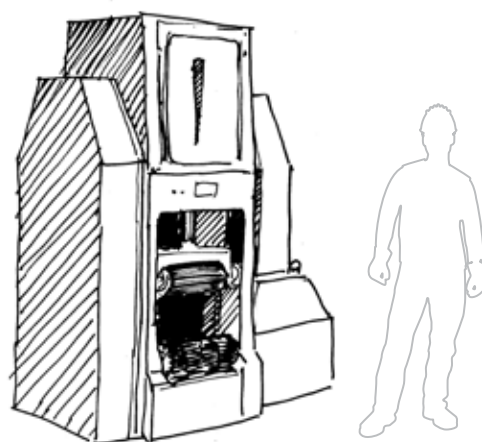
DTRB-63 ▶

A highly efficient saw manufactured in Bydgoszcz – the vertical frame saw is intended for converting coniferous and deciduous wood logs or piles into unedged or edged timber within a scope specified by technical data. The saws can be used in sawmills, forestry and other facilities: in a technological line of various degrees of mechanisation. They are characterised by low electric energy consumption per m³ of converted wood. Use of the saws requires a two-level conversion hall.

Basic technical data

DTRB 63

Saw frame horizontal clearance	650 mm
Saw frame stroke	520 mm
Clearance between feed rollers	80 mm - 570 mm
Minimum length of converted logs	2200 mm
Main shaft rotation speed	300 rpm
Travel per 1 rotation of the main shaft	4 kW - 30 kW
Maximum number of saws	12 pcs
Main motor power	45 kW
Feed motor power	4 kW
Overall dimensions* (L x W x H)	2500 x 2200 x 3200 (mm)
Weight	~ 9000 kg



VERTICAL FRAME SAW DTPC-I-71 ▶

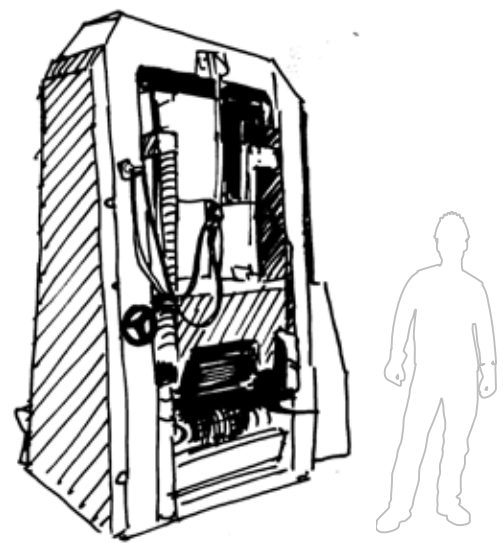
The largest vertical frame saw manufactured in Bydgoszcz is intended for converting coniferous and deciduous wood logs or piles into unedged or edged timber within a scope specified by technical data. The saw can be used in sawmills in a technological line of a significant degree of mechanisation. Use of this saw requires a two-level space in a conversion hall.

Basic technical data

DTPC-I-71

Saw frame horizontal clearance	710 mm
Saw frame stroke	600 mm
Clearance between rollers	90 - 710 mm
Minimum length of converted logs	2200 mm
Main shaft rotation speed	320 rpm
Travel per 1 rotation of the main shaft	5 mm - 40 mm / 1 rotation
Maximum number of saws	12 pcs
Main motor power	75 kW
Feed motor power	5.5 kW
Overall dimensions* (L x W x H)	1700 x 2324 x 4250 (mm)
Weight	~ 12500 kg

*without equipment



DOUBLE-SIDED EDGER DPPA-III-50E ▶

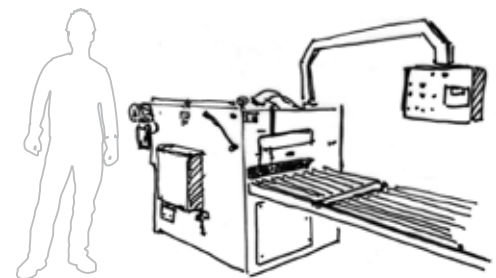
The double-sided edger is intended for longitudinal cutting of planks and bales on both sides. With an additional bushing mounted on the spindle, up to 10 saw blades can be fixed to the edger which in turn can be used to cut slats. The number of saw blades depends on timber thickness and the main drive motor power. The edger can be used in sawmills and wood processing plants.

Basic technical data

DPPA-III-50E

Edger horizontal clearance	730 mm
Edging width depending on the saw mounting version	50 mm - 500 mm
Edged material thickness	12 mm - 100 mm
Minimum length of edged material	800 mm
Saw diameter (MAX)	350 (400) mm
Number of edging saws	2 pcs
Number of saws for slats	10 pcs
Saw spindle rotation speed	2860 rpm
Travel speed	12 - 90 m/min
Edger vertical clearance	105 mm
Saw drive motor power	18.5 kW; 30 kW; 45 kW
Overall dimensions* (L x W x H)	2560 x 1410 x 1340 (mm)
Weight**	~ 1900 kg

*without table, **without motor



PROFILING MOULDER

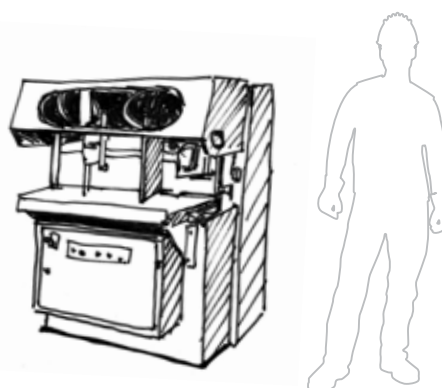
FFBA 300/400/500 ▶

The FFBA profiling moulder is a universal machining tool with a wide range of applications in the furniture and carpentry industries, both in large-scale industrial facilities and craft workshops. It is particularly useful for making any types of sockets and milling on flat surfaces of profiled rectilinear sections in wood materials, wood derivatives and some plastics. Perfect for high-volume production of wooden fittings and garden programmes.

Basic technical data for 300/400/500

Parameters

Maximum milling height	216 mm
Maximum milling depth	65 mm
Maximum mill diameter	250 mm
Mill mounting diameter	40 mm
Spindle rotation speed	4600 rpm
Travel speed	0 - 3.2 m/min
Pneumatic system pressure	0,6 MPa - 0,7 MPa
Pneumatic system connection	3/8"
Air demand at 8 cycles per minute	150 l/m
Air demand for chip extraction	30 l/m
Overall dimensions (L x W x H)	1100x1300x14500 (mm)
Maximum milling width for FFBA 300	300 mm
Maximum milling width for FFBA 400	400 mm
Maximum milling width for FFBA 500	500 mm
Motor power for FFBA 300	7.5 11 kW or 11 kW
Motor power for FFBA 400	11 kW
Motor power for FFBA 500	15 kW
Weight for FFBA 300	1000 kg
Weight for FFBA 400	1020 kg
Weight for FFBA 500	1050 kg



CROSS-CUT SAW

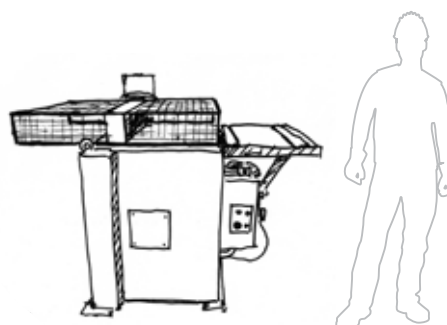
FPDA ▶

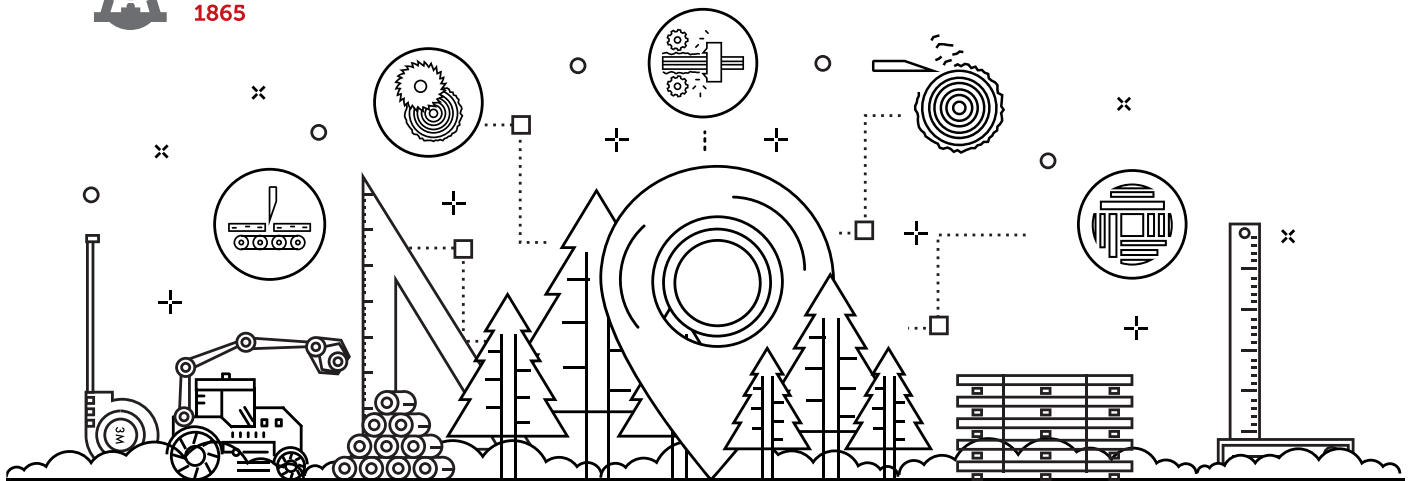
The cross-cut saw (Kapówka) designed for the sawmill industry is intended for cross-cutting planks, bales or squares of different dimensions and capacity parameters. It can also be used for cross-cutting to a desired length, as well as for removing defects in a wooden material, wood derivatives and some plastics.

Basic technical data

FPDA

Saw diameter	500 mm
Saw rotation speed	2865 rpm
Saw motor power	6.5 kW
Maximum cutting height at material thickness of 220 mm	140 mm
Maximum cutting height at material thickness of 60 mm	600 mm
Weight (without table)	~ 500 kg





EXPERIENCE:

Bydgoska Fabryka Obrabiarek do Drewna (Bydgoszcz Factory of Wood Machining Tools) have been operating continuously for 150 years. For over a decade, they have been delivering modern tools for wood processing, while maintaining the quality, capacity and the highest precision of the machines.

KNOWLEDGE:

With many years of experience and a constant search for opportunities of development, we design solutions precisely adapted to the needs of nearly all industrial sectors.

COOPERATION:

We provide our partners with top quality machines and ensure that they are supported by our technologists in designing optimal solutions and training personnel.

DEVELOPMENT:

We do not rely on tradition only. We systematically implement innovative solutions for our products, keep the machines up-to-date, cooperate with schools and higher educational institutions by carrying out research and development works.

VERSATILITY:

We effectively design and produce both complete and optimised technological lines for the wood industry and individual wood processing machines and devices.

QUALITY:

Today, FOD is an internationally recognised brand famous for its production of top quality wood processing tools and the team of experienced and skilled engineers offering their expertise to wood processing facilities around the world.

Fabryka Obrabiarek
do Drewna Sp. z o.o.

ul. Nakielska 53
85-347 Bydgoszcz
tel. +48 52 325 87 00
fod@fod.com.pl
www.fod.com.pl



STOWARZYSZENIE PRODUCENTÓW
MASZYN, URZĄDZEŃ I NARZĘDZI
DO OBRÓBKİ DREWNA
DROMA