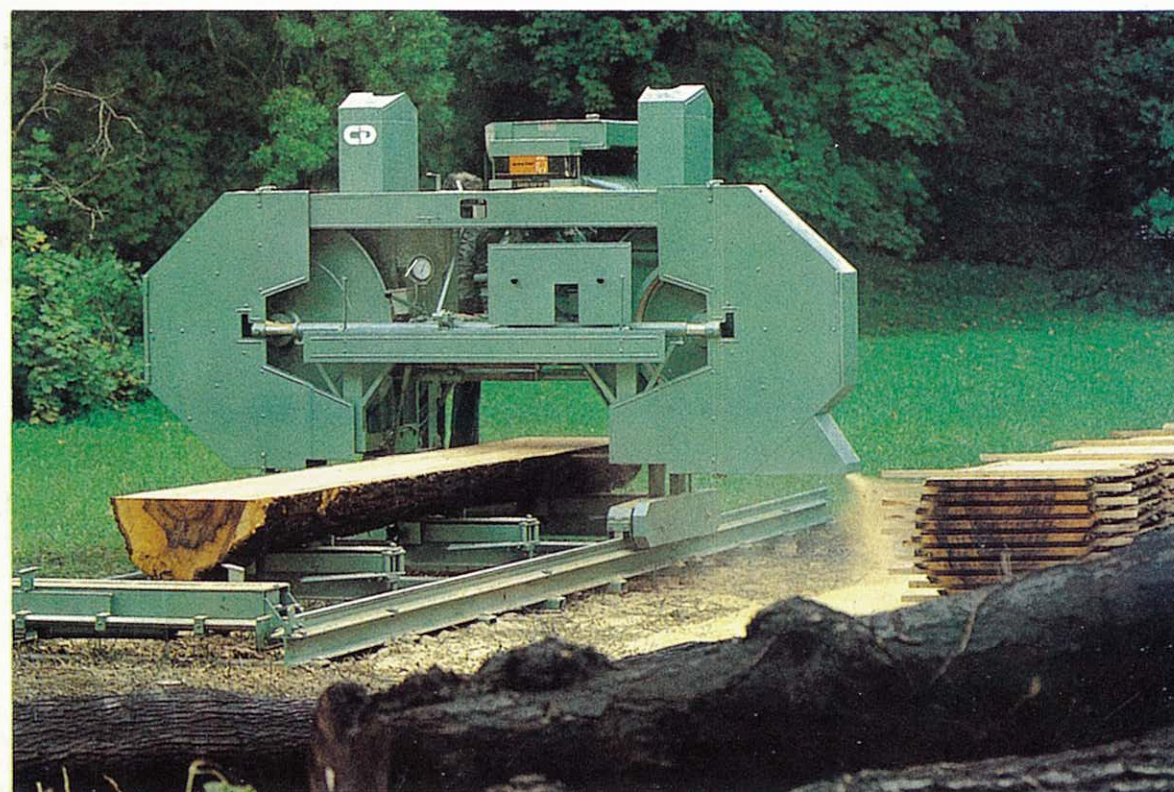


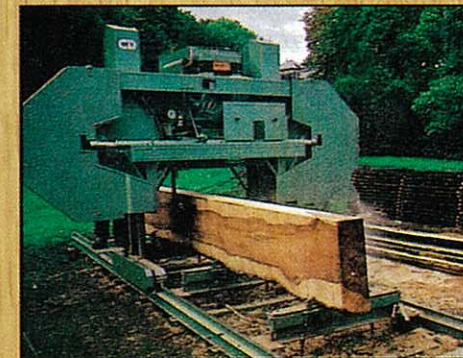
timbersaws



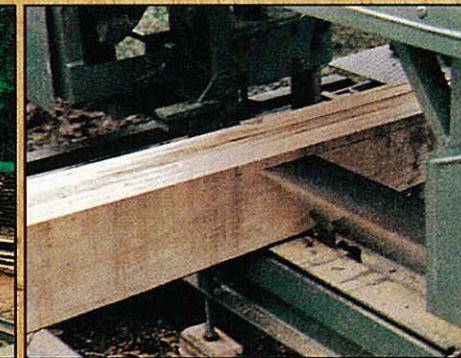
LBL - BRENTA - CD - 19, avenue Jean Barraud - 71170 CHAUFFAILLES - FRANCE
 Téléphone : +33 (0)3 85 26 00 73 - Fax +33 (0)3 85 84 63 79

www.LBL-BRENTA-CD.com

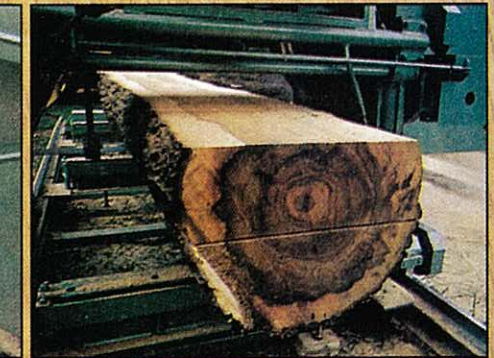
Framework



Edging



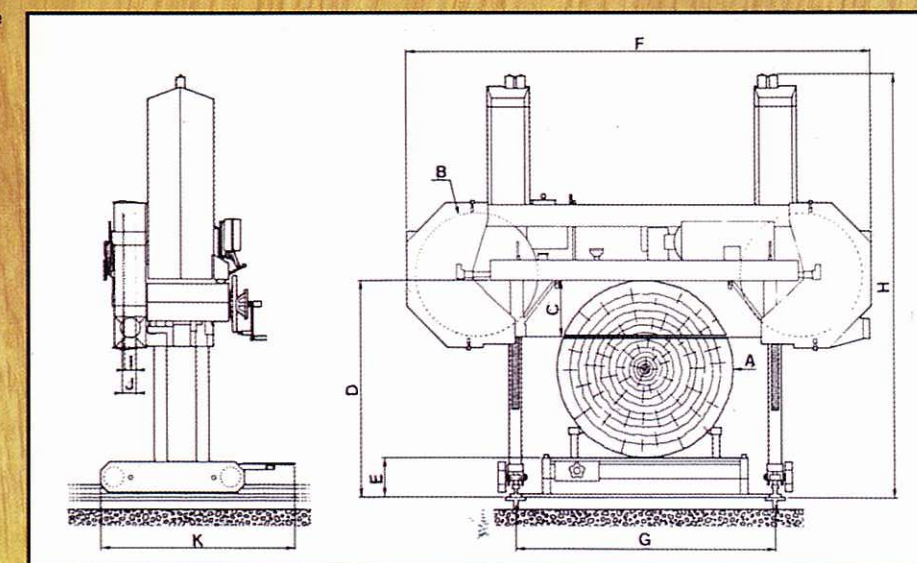
Stud



Technical characteristics

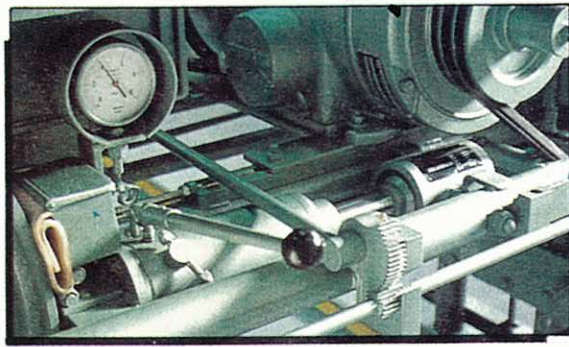
Characteristics	CD5	CD6	CD8	CD10	Characteristics	CD5	CD6	CD8	CD10
Maximum timber diameter A	1,30 m (4' 3 1/5")	1,65 m (5' 5")	1,30 m (4' 3 1/5")	1,65 m (5' 5")	Maximum sawing thickness C	360 mm (1' 2 1/5")	360 mm (1' 2 1/5")	360 mm (1' 2 1/5")	360 mm (1' 2 1/5")
Flywheel diameter B	1,00 m (3' 4")	1,00 m (3' 4")	1,25 m (4' 1")	1,25 m (4' 1")	Maximum height beneath mount D	1605 mm (5' 3 1/4")	1605 mm (5' 3 1/4")	1605 mm (5' 3 1/4")	1605 mm (5' 3 1/4")
Fret width I	105 mm (4 1/4")	105 mm (4 1/4")	135 mm (5 1/3")	135 mm (5 1/3")	Blazing height E	220 mm (8 3/4")	220 mm (8 3/4")	220 mm (8 3/4")	220 mm (8 3/4")
Flywheel profile	Domed 2/5° Forwards				Saw advance 25-teeth pinion	0 to 60 m/mn	0 to 60 m/mn	0 to 60 m/mn	0 to 60 m/mn
Blade length	7,250 m (23' 9 1/2")	7,950 m (26' 1 1/8")	8,500 m (27' 10 3/4")	9,200 m (30' 2 1/3")	38-teeth pinion	0 to 33 m/mn	0 to 33 m/mn	0 to 33 m/mn	0 to 33 m/mn
Blade width J	120 mm (4 3/4")	120 mm (4 3/4")	150 mm (5 9/10")	150 mm (5 9/10")	Weight of machine without engine or motor	1375 kg	1425 kg	1550 kg	1600 kg
Blade thickness	11/10°	11/10°	12,5/10°	12,5/10°	Weight of electrical motor	275 kg	275 kg	275 kg	325 kg
Blade speed : " standard softwood " standard hardwood	32 m/s 23 m/s	32 m/s 23 m/s	31,50 m/s 24 m/s	31,50 m/s 24 m/s	Weight of Diesel engine	550 kg	550 kg	550 kg	550 kg
Electrical motor power	30-40 cv	40-50 cv	40-50 cv	50 cv	Rail gauge G	1500 mm (4' 11 1/2")	1850 mm (6' 1/10")	1500 mm (4' 11 1/2")	1850 mm (6' 1/10")
Diesel engine power	57 cv	57 cv	57 cv	57 cv	Rail length	6 m (19' 6 1/3")	6 m (19' 6 1/3")	6 m (19' 6 1/3")	6 m (19' 6 1/3")
Length F	3,200 m (10' 6 1/20")	3,550 m (11' 7 5/8")	3,820 m (12' 6 1/2")	4,170 m (13' 8 1/4")	Packing Machine crate	7,582 m³ 2200 kg	8,653 m³ 2250 kg	8,160 m³ 2350 kg	9,279 m³ 2450 kg
Width K	1,250 m (4' 1")	1,250 m (4' 1")	1,400 m (4' 7 1/8")	1,400 m (4' 7 1/8")	Rail crate (4)	0,323 m³ 280 kg	0,323 m³ 280 kg	0,323 m³ 280 kg	0,323 m³ 280 kg
Height in high position H	3,060 m (10' 1/2")	3,060 m (10' 1/2")	3,060 m (10' 1/2")	3,060 m (10' 1/2")	Diesel engine crate	1,778 m³ 660 kg	1,778 m³ 660 kg	1,778 m³ 660 kg	1,778 m³ 660 kg

Imperial conversions are approximate



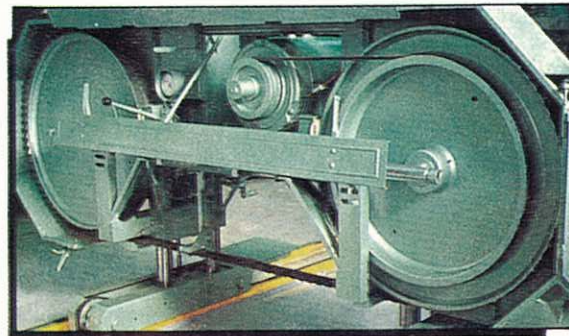
LBL - BRENTA - CD - 19, avenue Jean Barraud - 71170 CHAUFFAILLES - FRANCE
 Téléphone : +33 (0)3 85 26 00 73 - Fax +33 (0)3 85 84 63 79

www.LBL-BRENTA-CD.com



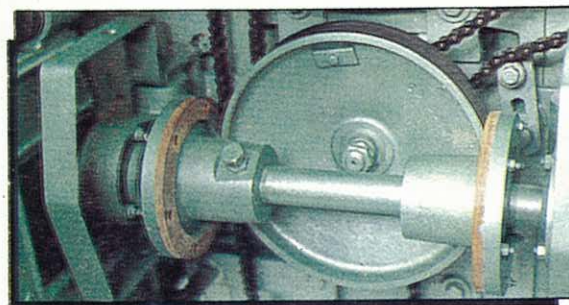
Blade tension - Compensator box

Blade tension is ensured by a hydraulic apparatus with oil pressure, which acts on a spring compensator box, rigorously monitorable by pressure gauge, and adjustable in relation to the width and thickness of the blade used.



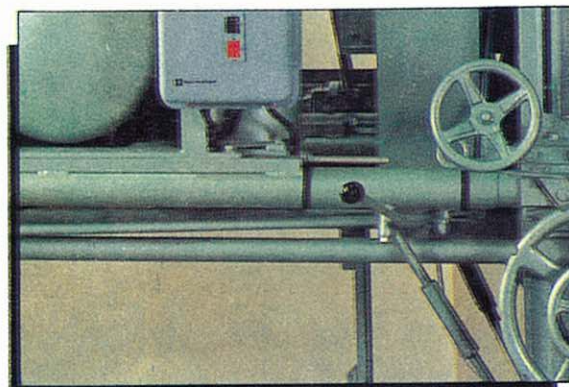
Protective device

The protective system consists of casings which are easy to operate and allow speedy blade changes. On electrical machines, a safety device prevents startup of the machine if they are not closed.



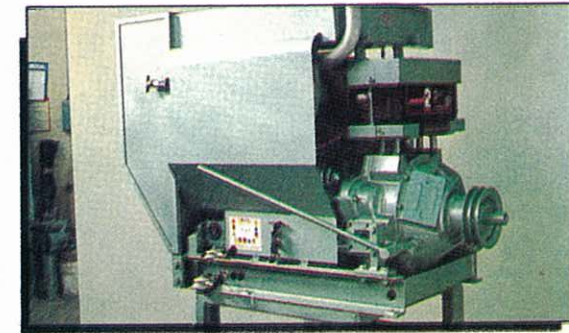
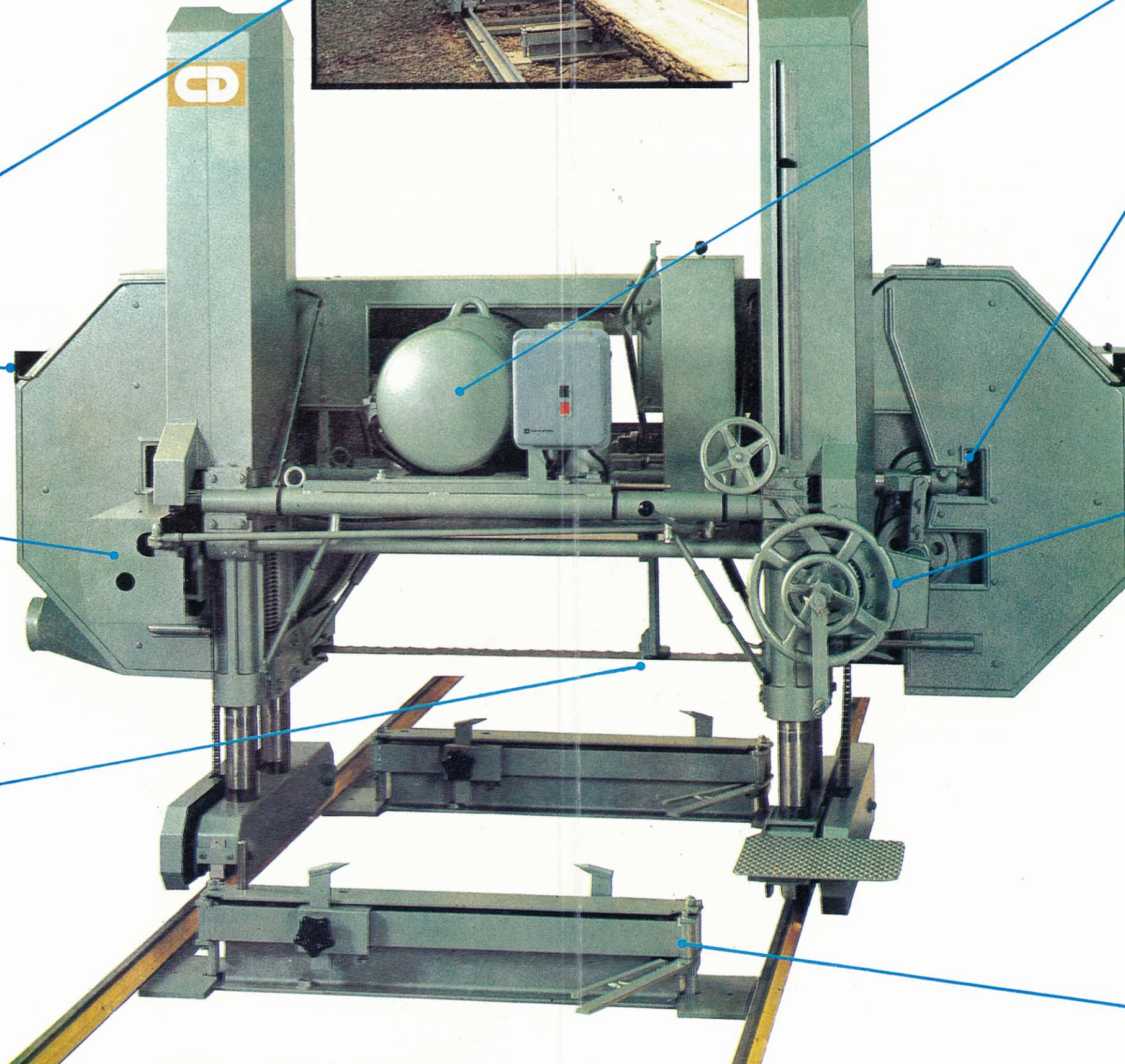
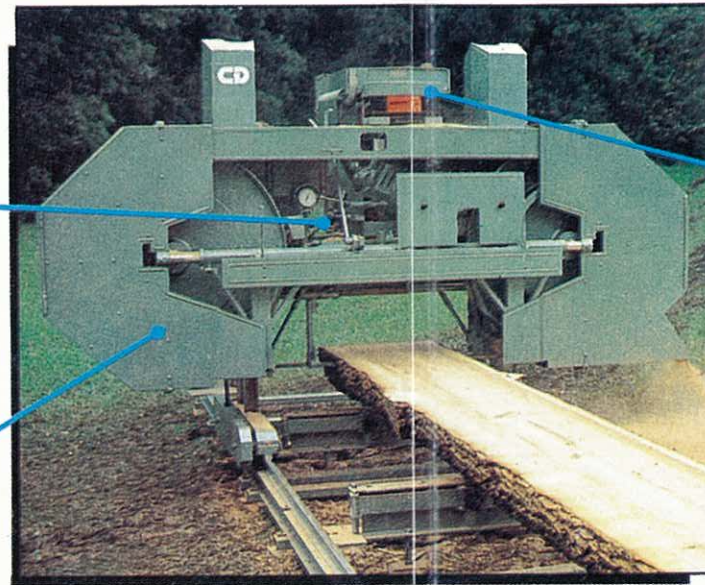
Advance

Advance and return movements of the saw are ensured by a friction box driven by a vee-belt behind the drive wheel. The speed is related to the pressure exerted on the control lever (0 m to 60 m).



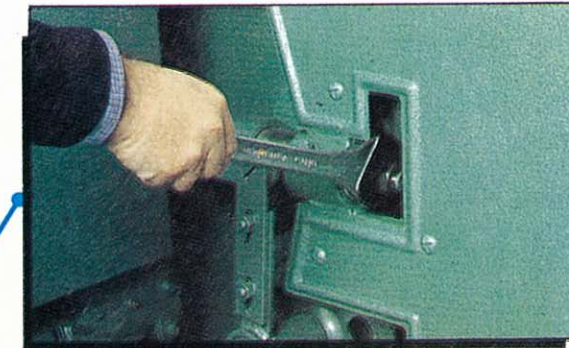
Blade guide

The blade is secured by two fixed guides and a mobile guide which are mechanically adjustable by means of a flywheel placed handy to the operator.



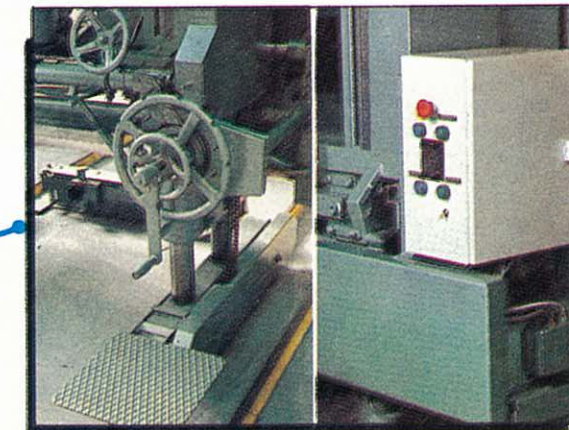
Diesel engine Deutz 57 hp Diesel engine

Electrical motor Electrical motor with automatic startup. The power varies in relation to the type of machine (30, 40 or 50 hp).



2 orientable flywheels

The two blade-holder flywheels made of cast iron, 1 m or 1.25 m in diameter, depending on the model, are fitted on tapered roller bearings with play takeup, dynamically balanced to ± 1 gram. Their frets are domed 2/5e forwards. They are adjustable with a spanner.



Thickness adjustment

Adjustment of the sawing thickness is obtained by means of a graduated flywheel at a rate of 1 cm, 1 tenth of a turn for 1 mm. At the centre is an automatic lifting clutch. An electrical division can be fitted as an option.



Pneumatic blazing

Blazing and setting to height are obtained by means of two pedals.

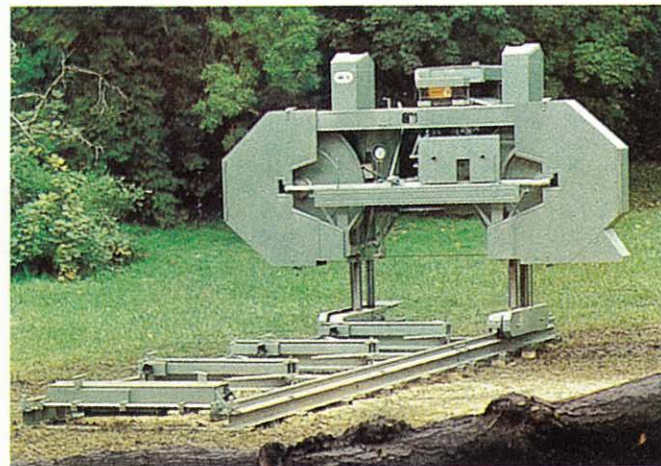
Mechanical blazing

By means of a truing rod.

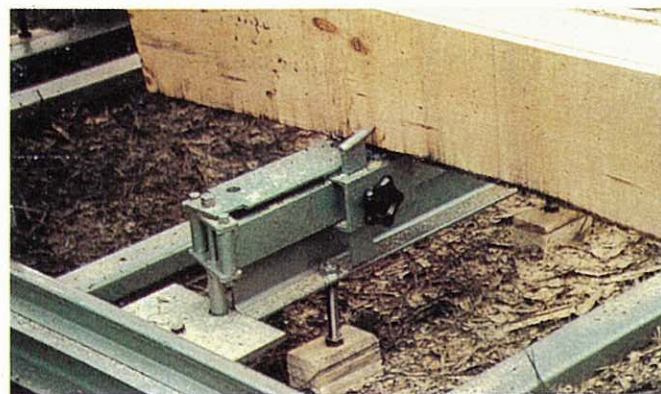
Principle of the **CD** timbersaw

The CD timbersaw is a ribbon saw which operates horizontally, moving along a track the length of which can be varied according to requirements and which represents the useful sawing length.

Installation



These rails can be layed on wooden sleepers or on steel formed sections. For a semi-mobile work-site, they should be bolted, and they should preferably be grouted for a fixed installation.



The timber is placed on the ground. It can be secured mechanically or pneumatically, the number of points being related to the length of the wood to be sawn.

Design

The CD saw is designed to be erected in a few hours and used anywhere, even places with difficult access which consequently require a machine which is easy to operate and maintenance, which is sturdy and which has a high capacity.

Its weight and overall dimensions, which are reduced to the minimum, make the saw very easy to transport.

It can be equipped with an electrical motor or a Diesel engine, which provides it with three functions: rotation of the blade, traversing of the machine and automatic elevation.

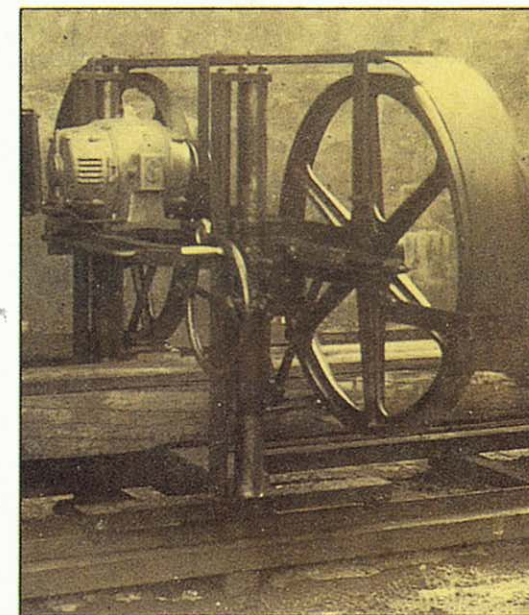
Performances

Productivity varies with the different types of wood, and with the length and diameter of the timber.

	Blade Speed	Machine Advance	Timber Dia.
Hardwood	23 m/s	5 to 8 m/mn	1.3 m
Average density wood	32 m/s	8 to 12 m/mn	1 m
Softwood (pine)	35 m/s	20 to 25 m/mn	0.35 m



The world's n°1 producer



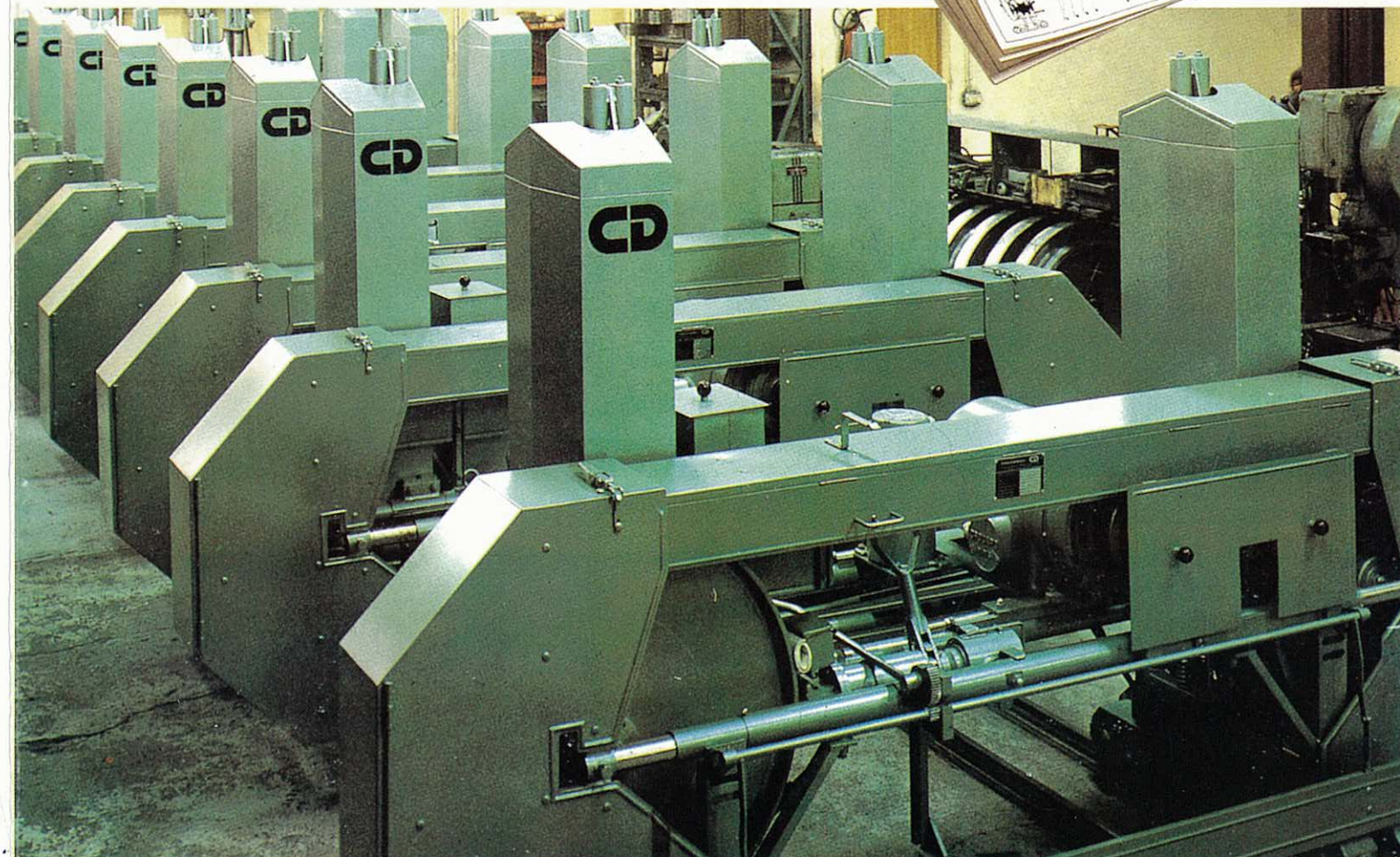
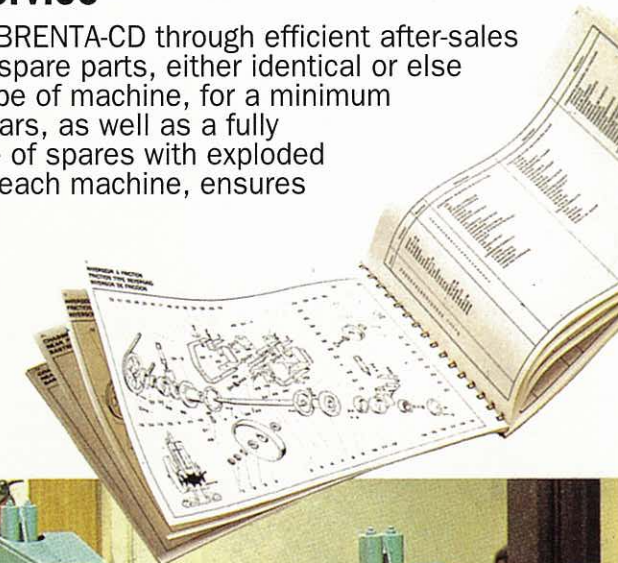
Idées, Images et Graphismes.

Since 1940, when the patent was applied for, the CD saw has solved sawing problems for thousands of utilizers in over eighty countries.

After-sales service

The Company LBL-BRENTA-CD through efficient after-sales service by means of spare parts, either identical or else adaptable to each type of machine, for a minimum duration of twenty years, as well as a fully referenced catalogue of spares with exploded views, supplied with each machine, ensures safety and continuity for all utilizers.

All our machines are covered by a guarantee of one year against all manufacturing defects.



LBL - BRENTA - CD - 19, avenue Jean Barraud - 71170 CHAUFFAILLES - FRANCE

Téléphone : +33 (0)3 85 26 00 73 - Fax +33 (0)3 85 84 63 79

www.LBL-BRENTA-CD.com