

CUT 85 Beam Saw

CUT 85

**The Ultimate in Cutting
Precision and Productivity**

HOLZ-HER

special machines from a special company



Innovative technology for effi

A Powerful package of quality and economy

With the HOLZ-HER CUT 85 panel processing is easier than ever before, it offers precision cutting with the latest technical advances to bring productivity to your production.

- *Precise cutting for a variety of panel materials*
- *State-of-the-art PC based controller*
- *Powerful saw unit provides continuous cutting precision*
- *Flexibility to match the cutting volume of your shop, large or small.*
- *Cutting capacity from 3,150mm to 5,250mm (10' - 17')*
- *Fast, easy set-up*



Controller

The CUT 85 features a PC based controller with on-screen graphics to provide an immediate view of the entire beam saw operation. An optional touch screen, optimizing programs and label printers are available to reduce set-up time and obtain maximum performance.



The HOLZ-HER Saw Concept

The basic frame is a heavy-duty welded steel structure giving stability and vibration-free movement through the entire machining process.

The saw carriage is guided on surface hardened THK linear guide ways as is the pusher fence for accurate, precise operation. Rack and pinion drives assure smooth precise cutting.

Maximum precision Maximum productivity.

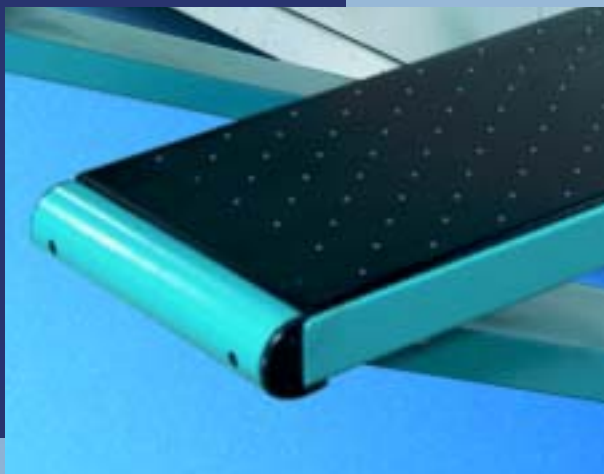
Efficient cutting





Last Cut Device

The clamping units fit into the beam ensuring maximum panel yield with no waste.



Ergonomic Tables

Non-scratch table surfaces allow easy handling of panels of any size. Rigid table supports provide stability for the heaviest of panels.

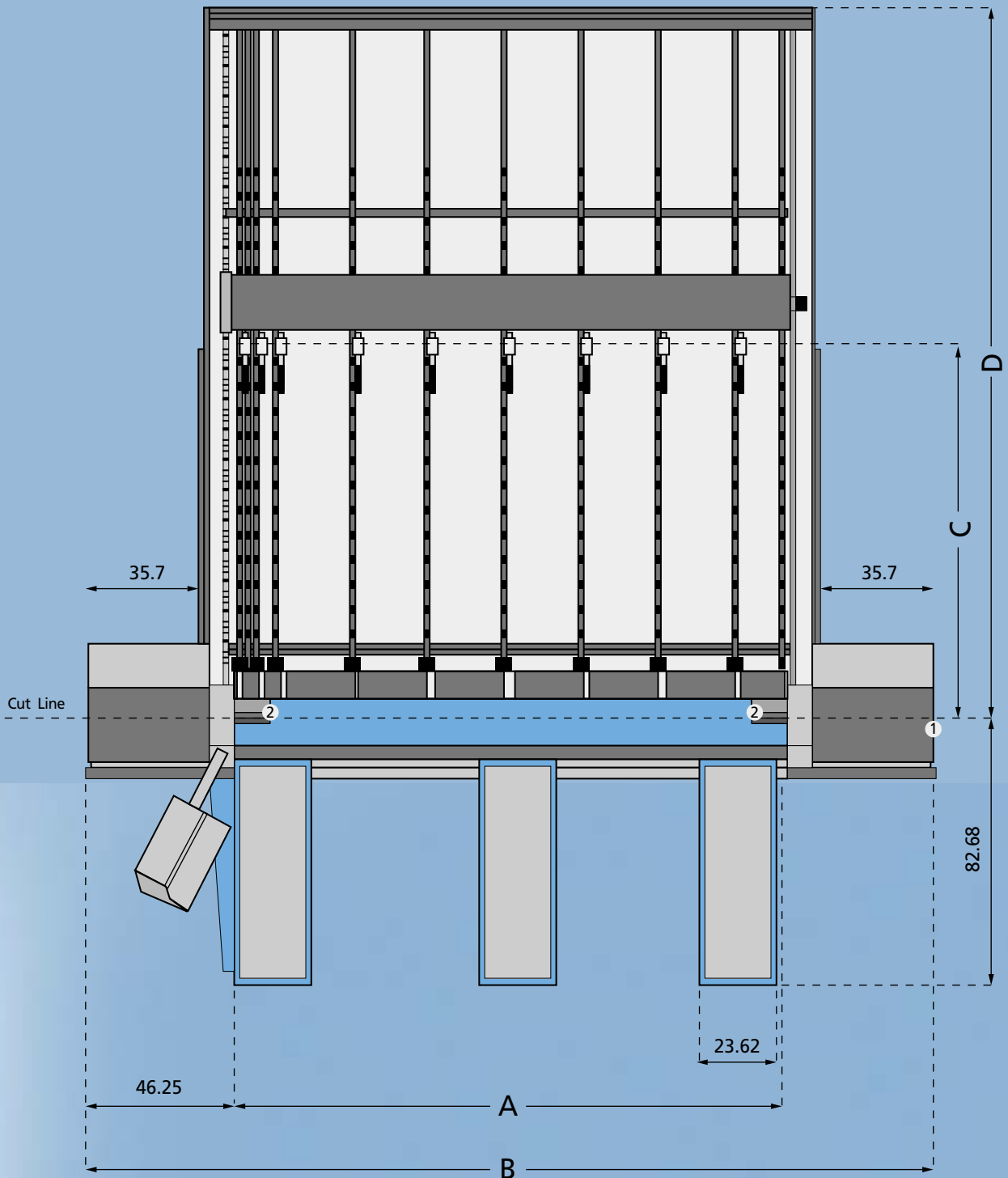


Saw Unit

With a powerful 15 HP motor the CUT 85 has the power to make precise, vibration-free cuts.

The carriage travels on surface hardened THK linear guideways for repeatable cutting accuracy quickly, with speeds up to 100 m/min in both the forward and backward direction.

Dimensions



Cutting Length A (inches)	126	167	207	
Machine Width B	222	261	300	
Cutting Width C	124	152	167	207
Machine Depth D	174	202	218	257

① Dust collection dia. - 5 1/2"

② Dust collection dia. - 4 3/4"

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Technical Data	
Cutting length x cutting width	10' x 10'
	14' x 10' / 12' / 14'
	17' x 10' / 12' / 14' / 17'
Cutting Height max.	3"
Blade Projection max.	4"
Saw Unit	
H.P.	15
Blade dia.(mm)	350
R.P.M.	4,100
Scoring unit	
H.P.	3
Blade dia. (mm)	180
R.P.M.	6,500
Saw carriage	
Feed speed Fwd (m/min)	0 – 100
Feed speed Rev (m/min)	100
Pusher with Clamps	
Feed speed Rev (m/min)	80
Clamps	
10' Saw	6
14' Saw	7
17' Saw	8
Air Pressured Required	
PSI (bar)	90 / 6
Dust extraction	
Basic Machine dia. (inches)	1 x 5 1/2
Pressure Beam (inches)	2 x 4 3/4
Capacity (m ³ /h)	4.000
Air speed (m/s)	30
Number of Tables	
10' Saw	3
14' Saw	3
17' Saw	4

Specifications are based on approximate values. All HOLZ-HER products are subject to ongoing innovation, therefore HOLZ-HER reserves the right to modify equipment designs, update any or all information and/or illustrations contained herewith. Illustrated models may also depict optional equipment. Contact your nearest HOLZ-HER distributor for exact specifications. For demonstration purposes, models shown may not feature their provided protective hoods.

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