



# Hammer®

## **A3 41D**

Sensational planing results  
at the best value

# A3 41D – Sensational results at an unbeatable price, only with Hammer!



Solid wood



The self-setting planing cutterblock which enables an incredibly quick change of the knives, provides planing results with which you will be amazed.

## Hammer®

# The most important highlights at a glance



### On request: Sensational quiet planing with the Silent-Power® spiral cutterblock

Exclusive for planers/thicknessers from the Felder Group. The Silent-Power® spiral blade cutterblock cuts noise levels during planing by well over half and provides a continuous pulling cut for tear-free planing patterns in any type of wood. With this revolutionary new development from Felder you are obtaining all of the advantages of a spiral cutterblock at considerably lower operating, investment and adjustment costs. The benefits of the Silent-Power® spiral cutterblock at a glance...

- » Sensationally quiet, noise emissions halved
- » Blade life up to 20 times longer
- » Four highly precise cutting edges on each knife



### Maximum thicknessing height for large dimensioned requirements

The maximum thicknessing height of 225 mm is a guarantee for the perfect processing of large and heavy workpieces. An even more precise, tenth of a millimetre, accurate adjustment of the thicknessing height is possible with the optional handwheel and integrated digital clock.



### Perfect extraction technology – a clean solution

The aerodynamically optimized construction of the dust extraction hood with its ample chip space guarantees an ideal chip extraction and clean working surface.





### Hammer – Decision making reliability for many years to come

Durability, functionality and reliability made in Austria – Hammer woodworking machines are top-quality products from Felder. Since 1997, Hammer has been producing high-quality yet affordable woodworking machines for the skilled trades and crafts. The models have been specifically designed for this customer group and are available in the basic, winner and perform configuration, offering price optimised solutions for every requirement. Decades of experience building machines,

Austrian craftsmanship, strict quality standards and tried and tested Felder system solutions, guarantee excellent woodworking machines, the best operating results and customer satisfaction for years to come. From the passionate woodworker to the business user with high demands, with machines from Hammer you are guaranteed reliability and precise woodworking.

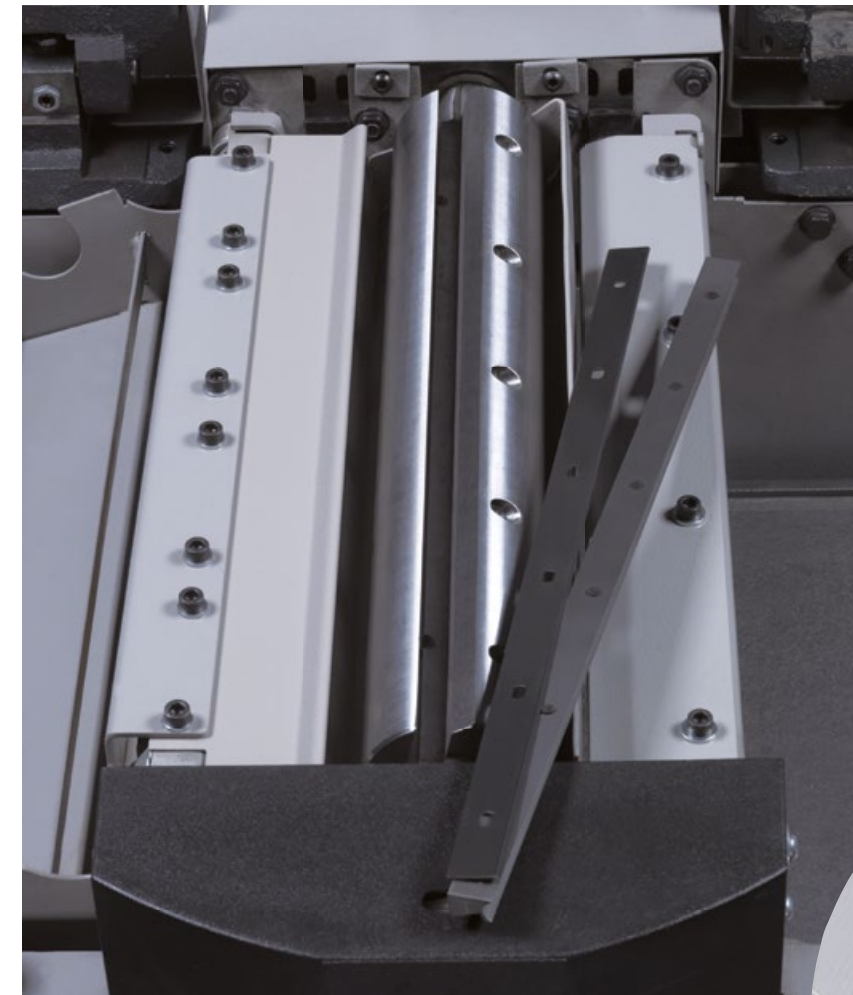
### ... why you should decide on a Hammer machine now:

- » Excellent value for money
- » Decision making reliability for many years to come
- » State of the art machine technology
- » Solid cast iron tables and units
- » High quality, unique detail solutions as part of the standard package
- » Top quality manufacturing with strict quality guidelines
- » User friendly
- » Classic design
- » Quality and precision from AUSTRIA
- » Compact functionality
- » Mobile as an option
- » Minimal space requirement
- » Quickest changeover times

# Hammer®

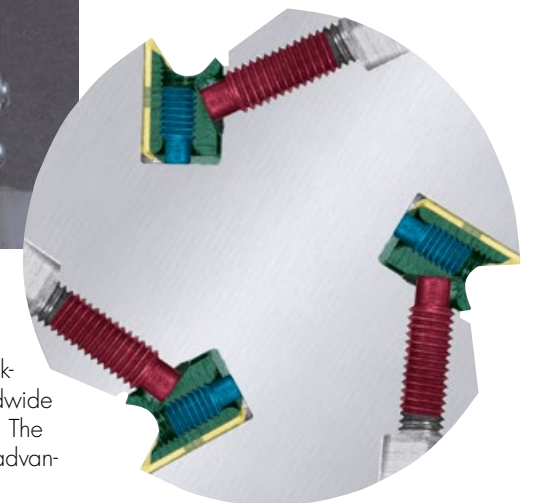
Details | 5

## Details that convince



### 3 knife quick-change, self-setting cutterblock system, the heart of every Hammer planer

The Hammer 3-knife automatic cutterblock guarantees excellent planed wood surfaces and the simplest of operating comfort. Since 1987 the cutterblock quick-change system has proven itself a thousand times over and our customers worldwide have saved on expensive additional investment in standard planer cutterblocks. The quick-change cutterblock system is only available from the Felder Group! Your advantages at a glance



- » Planer knife change without adjustments in seconds
- » Disposable knives, each with 2 cutting edges at an inexpensive price
- » No expensive adjustment tools, like those used for standard planing knives, are necessary
- » No second set of planing knives are required during the sharpening cycle



Silent-Power®  
The quiet cutterblock

Exclusively only with  
Felder®, Format4®  
and Hammer®



INCREDIBLY  
QUIET

For the sake of your health and your employees The Silent-Power spiral blade cutterblock reduces noise levels by 50 % (10 db A) when compared with conventional systems.



20 TIMES LONGER  
BLADE LIFE

saves money The tungsten carbide cutters in the Silent-Power spiral blade cutterblock provide up to twenty times the cutting edge service life of HSS cutters.



FOUR  
CUTTING EDGES

More “planer knives” at the same price Each tungsten carbide knife (on the Silent-Power spiral blade cutterblock) has four cutting bevels. Quickest change of the cutter with a simple single “turn”.



LOWER POWER  
CONSUMPTION

save power costs Regardless of the planing width, the Silent-Power cutterblock uses significantly less power than comparable systems.



TEAR-FREE  
PLANING RESULTS

Real spiral-knife technology Continuous, pulling cut thanks to the compact arrangement of all cutting edges with optimised cutting angle on the Silent-Power spiral blade cutterblock.



LARGE  
CHIP SPACE

Smallest chipping volumes The chipping flow optimised chip clearance of the Silent-Power spiral blade cutterblock and the short cutting bevels guarantee the best possible chip transport and the lowest chip volumes



IN-HOUSE  
PRODUCTION

Innovation made in Austria The Silent-Power spiral blade cutterblock is manufactured 100% in the factory in Hall i. T., Austria. Local craftsmanship and uncompromising manufacturing standards guarantee the top quality “Made in Austria”.



PATENTED  
SINCE 2012

Often copied, but never equalled Almost 10 years ago, the Silent-Power spiral blade cutterblock has set new standards on the market in terms of noise reduction, quality and efficiency and remains unparalleled to this day.

Maximum thickening height for large  
dimensioned requirements

The maximum thickening height of 225 mm is a guarantee for the perfect processing of large and heavy workpieces. An even more precise, tenth of a millimetre, accurate adjustment of the thickening height is possible with the optional handwheel and integrated digital clock.



Perfect extraction technology – a clean  
solution

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Technical specifications

Electrics		A3 41D
001	3x 400 V motor voltage	S
003	1x 230 V motor voltage, motor power 4.0 HP (3.0 kW) S6/40%	O
004	50 Hz motor frequency	S
005	60 Hz motor frequency	W
008	Motor power 5.5 HP (4.0 kW) S6/40 %;	S

Planing unit and cutterblock		
42	3 knife quick-change, self-setting cutterblock system	S
43	3-knife standard cutterblock	O
44	Silent-Power® spiral cutter-block	O
-	Number of knives – Silent-Power spiral cutterblock	62

Planer and Feed Drive		
-	Thicknessing width	15" (406 mm)
-	Thicknessing height min.-max. 4-225 mm	S
-	Thicknessing table length in mm	600 mm
-	Min. workpiece length in mm	145
-	Maximum depth of cut	½" (4 mm)
-	Synchronous feed speed 6 m/min. (50 Hz)	S

General		
-	Extraction connection Ø	¾" (120 mm)
-	Gross weight in kg (with standard configuration)	330

Important accessories		
-	01.1.202 – Indicator clock with digital readout, 0.1 mm resolution, counting counterclock-wise. 2mm increment	O
-	12.1.311 – ALUMINIUM - System - Handwheel	O
210	Rolling carriage without lifting bar	O
211	Lifting bar	O
221	Transport preparation for overseas transport	O
-	500-101 – Table extension, aluminium, width 150 mm, length 400 mm	O
-	500-151 – Mounting rail for table extension 410 mm	O

Product range

Combination  
Machines C3 31



Combination  
Machines C3 41



Saw-Spindle  
Moulders B3



Planer-Thicknessers  
A2, A3



Saws & Sliding  
Table Panel  
Saws K2, K3, K4



F3 Spindle  
Moulder



Bandsaws





# Hammer®

## Hammer Affordable functionality and reliability

Since 1997 the Felder Group has been producing high quality yet affordable woodworking machines with the Hammer brand for do-it-yourselfers and small businesses. Robust, durable, space-saving and precise in its operation. Quality products that simply make woodworking fun.

### FELDER GROUP

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