

Unique. Precise. Compact.

# EVOLUTION 7403 | 7405

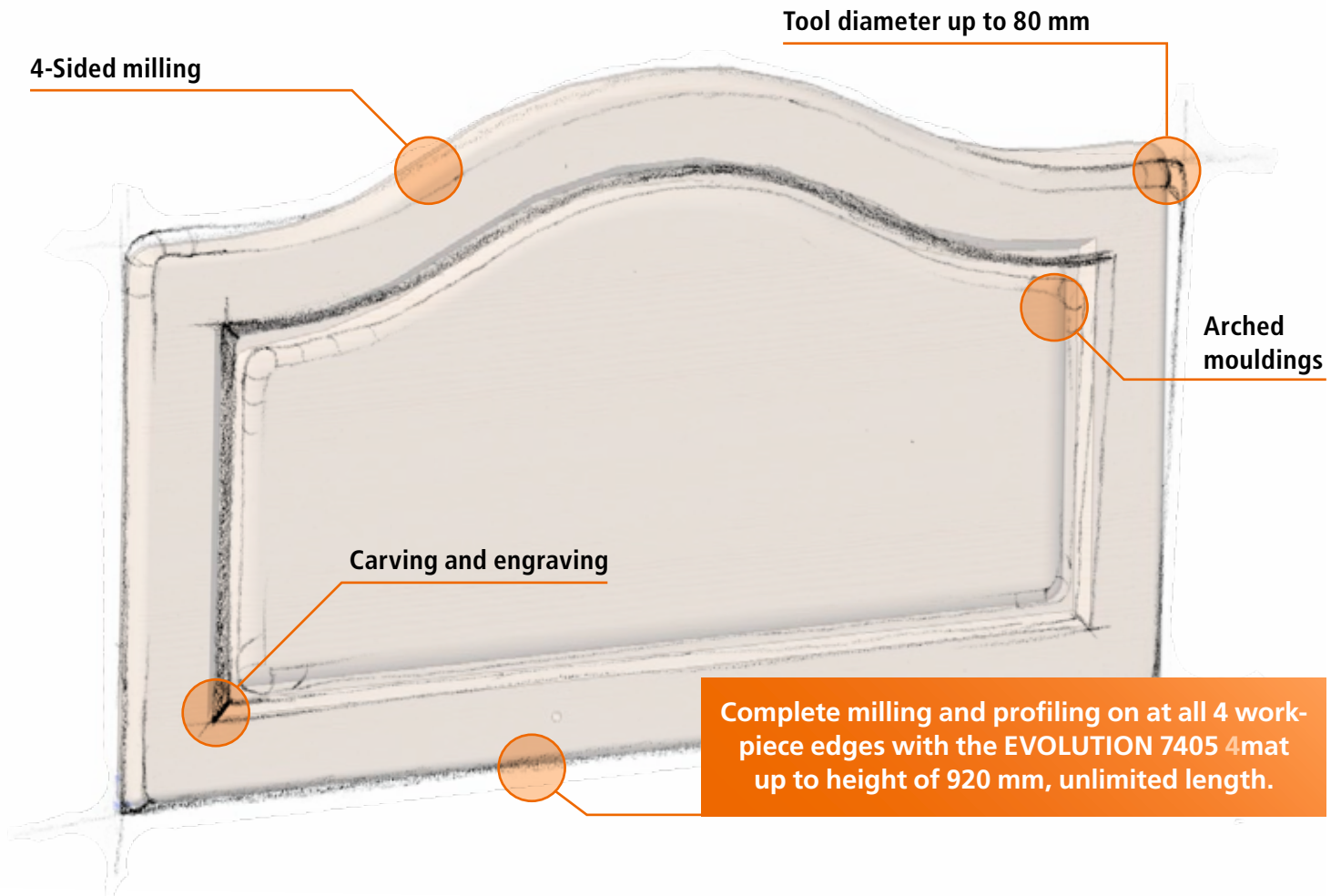
Unique! 4-sided milling with  
the new EVOLUTION 7405 4mat.



PRODUCTIVITY AND PRECISION



# Unique Versatility and Performance



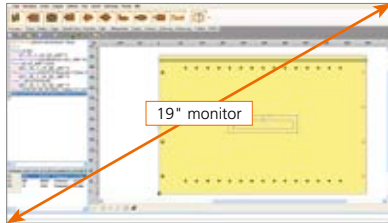
The technical data for the EVOLUTION series speaks for itself: Workpieces with height of up to 920 mm and unlimited length can be processed with the smallest possible space requirements.

Material thicknesses of 8 to 70 mm make the vertical machining centers from HOLZHER all-around machines for producing everything from drawers to casework and closet parts, furniture fronts and rear walls; in short complete machining of all your products.

The solid design of the EVOLUTION series guarantees you maximum machining quality and precision.

■ **Simple programming**

Equipped with a 19" monitor and the latest version of our user-friendly CAMPUS/NC Hops software. The truly comprehensive solution including aCADemy CAD, DXF import and versatile macros.



■ **Full equipment**

15 drilling spindles for 5 in-line holes each in X and Y directions as well as 6 horizontal drills and integrated sawing unit for quick and precise results (Fig. 1).

■ **100 % Precision – Your advantage!**

Only the HOLZ-HER EVOLUTION 7405 4mat offers complete machining of the surface and all 4 edges of the workpiece. Perfect appearance – perfect fit! (Fig 2).

■ **Shorter machining times**

Easy on material and time saving, because workpieces with lengths of up to 1,300 mm can be machined completely without reclamping. Up to 35 % shorter machining cycles (Fig. 3).

■ **Unique clamping concept**

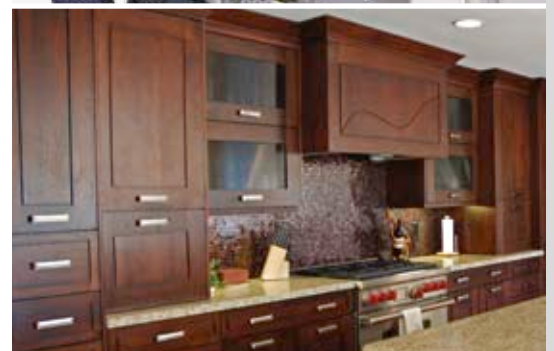
Fully automatic positioning of suction cups. Automatic adjustment to material thickness for optimum results and precise dimensions (Fig. 4).

■ **Extremely versatile**

With optional tool changing package for 6 tools, including 6.5 kW HSK spindle, the EVOLUTION is prepared for all challenges (Fig. 5).

■ **Perfect access**

The generous machine door offers a free view of the machining work, as well as easy access for installing tools.



## TECHNICAL DATA

Maschine	EVOLUTION 7403	EVOLUTION 7405 4mat
Machining dimensions in mm Max.: Min.:	3,200 x 920 x 70 (without additional support) 200 x 70 x 8	3,200 x 920 x 70 (without additional support) 200 x 70 x 8
Max. machining in X direction without reclamping	1,450 mm edge milling (minus radius of cutter)	1,450 mm edge milling (minus radius of cutter)
	1,300 mm for complete machining	1,300 mm for complete machining
Drilling head	15 Spindles (9 V   6 H), incl. sawing unit for grooving in X-direction	15 Spindles (9 V   6 H), incl. sawing unit for grooving in X-direction
Cutter unit	5.6 kW, with collet chuck 1,000 – 18,000 rpm	5.6 kW, with collet chuck 1,000 – 18,000 rpm
	X	6.5 kW, HSK chuck, 1,000 – 18.000 rpm
Tool changer	X	6-position linear changer
Max. tool dimensions	Dia. 80 mm, length 80 mm	Dia. 80 mm, length 80 mm
Run-in linear stop	Fixed	Height adjustable for 4-sided edge milling and profiling
Vector speed	68 m/min.	68 m/min.
Protection equipment	CE compliant	CE compliant
Workpiece support	Solid roller beams incl. 2 stops	Solid roller beams incl. 2 stops
Workpiece clamping	Automatically positioning vacuum system	Automatically positioning vacuum system
	ECO-Vac 8 m³/h vacuum pump	ECO-Vac 8 m³/h vacuum pump
Software	CAMPUS/NC-HOPS incl. aCADemy CAD/CAM Machine license module	CAMPUS/NC-HOPS incl. aCADemy CAD/CAM Machine license module

Standard
Optional
X Not possible

Product brochures and many videos are available at [www.holzher.com](http://www.holzher.com)



The technical data specified is intended for reference only. HOLZ-HER woodworking machines are subject to constant development and are therefore subject to modification without prior notice. The illustrations are therefore not binding. Some of the machines shown also contain special equipment not included as a standard feature. For clarity, some of the machines are shown without protective hood.

UK – HOLZ-HER 3195 30 – Printed in Germany/Imprimé en Allemagne  
Printed on: 17.5.2013 – First edition: 25.05.2013



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