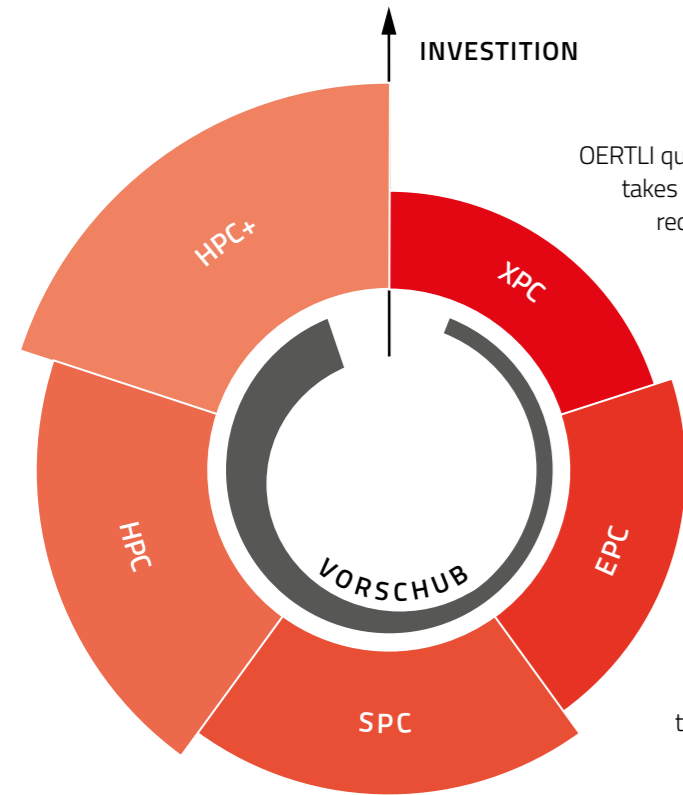


A high-performance solution for any window project.



OERTLI quality is defined by both the tool and the tool concepts and takes a number of factors into account: Depending on the desired **profile, feed performance, rotational speed, production environment and project scope**, the optimum efficient solution is developed – tailored precisely to the customer's needs. We at OERTLI see high performance as both an economical and technical challenge.

OERTLI quality – “Time is money”

Once an OERTLI tool has processed the wood, very few post-processing steps should still be required to achieve the desired final quality. This depends on the **type of wood, processing concept, feed, production system, workpiece clamping and other factors**. A good tool concept considers these complex connections and thus saves valuable processing time.

Sustainable investment – no short-term price acrobatics

Experienced entrepreneurs know: It is not just the prices that makes something a good investment. With our materials and our expertise in tool making and wood processing, we at OERTLI pay greater attention to the tool **having a long service life through a long tool life and repeatable quality**. This ensures that your investment remains a long-term success.



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OERTLI 
Excellence in solid wood

**OERTLI systems
at a glance**
High-performance tools
for windows and doors

OERTLI 
Excellence in solid wood

OERTLI systems at a glance



XPC
Express Performance
Cutting



EPC
ECO Performance
Cutting



SPC
Standard Performance
Cutting



HPC
High Performance
Cutting



HPC+
High Performance
Cutting +

Brief description	Single milling cutter with profiled knives	Single cutter or setting tool with dimensioning, reversing and profile blades	Single cutter, cutter set or system tool with standard, reversing, WIN and profiled blades	Single cutter, cutter set or system tool with standard, reversible and profile knives	Single cutter, cutter set or system tool with standard, reversible and profile knives	
Use	MAN table milling machine, MEC moulder	MAN table milling machine, MEC moulder, CNC machine with HSK	MAN table milling machine, MEC moulder, CNC machine with HSK	CNC machine with HSK, moulder with HSK	CNC machine with HSK	
Design	Tool	Single milling	Single cutter or setting tool	Single cutter, cutter set or system tool	Single cutter, cutter set or system tool	
	Cutter design	Profiled knife	Reversible, profile and standard blades	Reversible, profile, WIN and standard blades	Reversible, profile and standard blades	
	Dimension	Base diameter 125 mm	Min. D + 75 mm, max. D 240 mm	D 80 to 420 mm	D 80 to approx. 240 mm	D 80 to approx. 240 mm
	Number of knives	Z=2	Z=2	As required	As required	As required
	Mounting	Bore size 30/40/50 mm	OERTLI standard	OERTLI standard and special	OERTLI standard and special	OERTLI standard and special
	SP-technology	No	No	No	Yes	Yes
	Documentation	Milling cutter drawing	Milling cutter or setting drawing	Tool drawing and layout plan	Tool drawing and layout plan	Tool drawing and layout plan
	Blades in set replaceable	Yes	Partly	In the set, without dismantling	In the set, without dismantling	In the set, without dismantling
	Feed type	MAN / MEC	MAN / MEC	MAN / MEC	MEC	MEC
	Basic body	ALU	ALU	ALU or steel	ALU or steel	ALU or steel
Property	Balancing quality	G 6.3	G 2.5 to G 6.3	G 2.5 to G 6.3	G=2.5 and better	G=2.5 and better
	Cutting speed	75 m/s	75 m/s	85 m/s	up to 100 m/s	up to 120 m/s
	Investment	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★
Price/performance	Feed speed	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★
	Tool life	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★
Programming data	None	None	As required	As required	As required	
Service	None	None	As required	As required	As required	
Special feature	Delivery period of 10 days (ex works)	Lower Investment Modular construction	Custom-built construction, special mountings possible, combination with SINUS, DP, etc	Custom-built construction, special mountings possible, for high rotational speeds	Highest rotational speeds, highest feed speeds, custom-built construction, special mountings possible, depending on the machine guidelines for rotational speed, weight, center of gravity and centrifugal force	