

ProVac® Ultra **EASY** Valves

**Piloted by the  
Diecasting Machine**

**Unmatched Evacuation Capacity**

50% smaller projected area  
than other comparable vacuum valves

May be placed over core slides

Reliable and robust "Long-Life" -Mechanism

**Increased productivity  
at lower maintenance-cost**

For Diecasting Machines of 6'000 - 45'000 kN

ProVac® Ultra EASY vacuum valves are piloted by a programmed signal from the diecasting machine to the electro-pneumatic HS-Valvepilot.

They are equipped with exchangeable bushes for the evacuation-piston which means userfriendly maintenance both in time and cost and an increased life-time-cycle of the entire valve.

This unique valve-type does not need an ejection-valve on the mobile side of the die. Just put a simple plate of hardened steel made in your works or supplied by VDS on request. Your diecaster will appreciate its extreme reliability and robust long-life-mechanism increasing his productivity and lowering the cost for maintenance, and your purchaser will simply like the added value with an attractive price.

The valves are available in standard sizes or in "tailor-made" dimensions responding to your specific needs.

**Quality, Creativity and Efficiency. Know-How for You. Geniously simple!**

ProVac® Ultra **EASY** Vacuum-Valves  
Technical Data

ProVac® Vacuum Valves for Cold-Chamber - Die Casting Machines		Ultra EASY 2000
For die casting machines with locking force of	approx.	6'000 ... 20'000 kN
For total parts of net weight per die (trimmed)	approx. in Al	2 ... 8 kg
	approx. in Mg	1 ... 5 kg
Dimensions of valves on fixed die (Height, Width, Depth)	in mm	H=135, W=130, D=100
Dimensions of valves on movable die		<b>No need</b>

		Ultra EASY 3000
For die casting machines with locking force of	approx.	8'000 - 25'000 kN
For total parts of net weight per die (trimmed)	approx. in Al	3 ... 15 kg
	approx. in Mg	2 ... 9 kg
Dimensions of valves on fixed die (Height, Width, Depth)	in mm	H=170, W=140, D=120
Dimensions of valves on movable die		<b>No need</b>

		Ultra EASY 4000
For die casting machines with locking force of	approx.	15'000 ... 45'000 kN
For total parts of net weight per die (trimmed)	approx. in Al	8 ... 35 kg
	approx. in Mg	5 ... 22 kg
Dimensions of valves on fixed die (Height, Width, Depth)	in mm	H=170, W=140, D=120
Dimensions of valves on movable die		<b>No need</b>