

# MACSYS®

MULTI AIR CANNON SYSTEM

The safest solution  
when access is difficult.



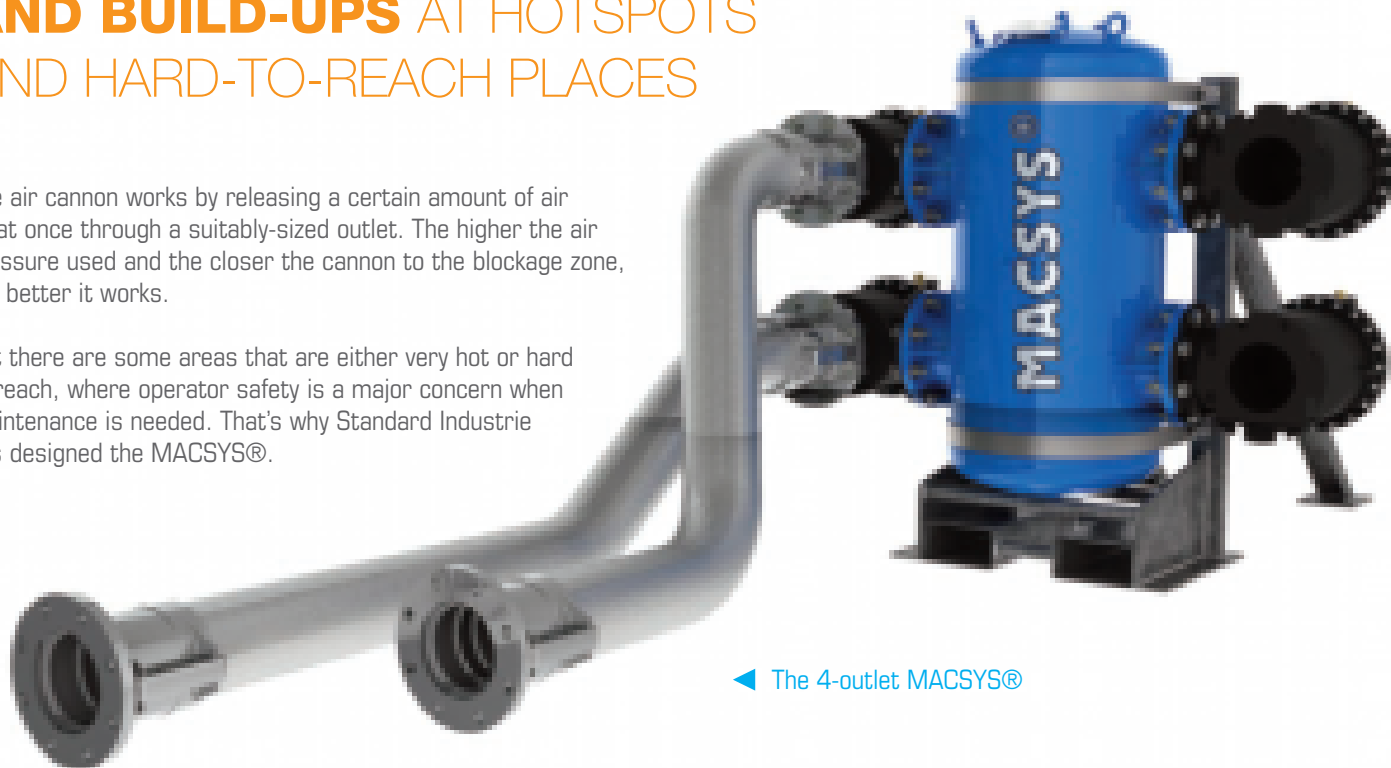
[www.standard-industrie.com](http://www.standard-industrie.com)

**MACSYS®**

**REMOVES BLOCKAGES AND BUILD-UPS AT HOTSPOTS AND HARD-TO-REACH PLACES**

The air cannon works by releasing a certain amount of air all at once through a suitably-sized outlet. The higher the air pressure used and the closer the cannon to the blockage zone, the better it works.

But there are some areas that are either very hot or hard to reach, where operator safety is a major concern when maintenance is needed. That's why Standard Industrie has designed the MACSYS®.



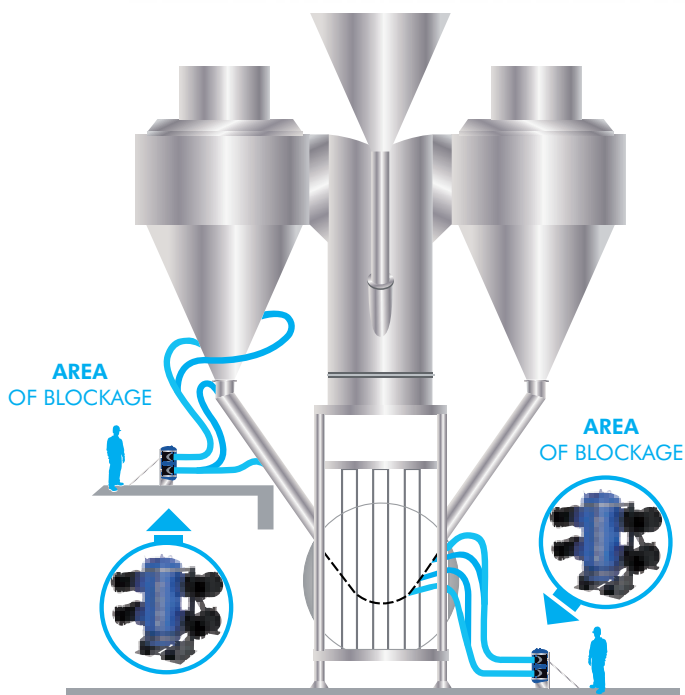
◀ The 4-outlet MACSYS®

**MACSYS® (4 to 8 outlets)**

**MORE EFFECTIVE FOR GREATER SAFETY.**

With over 30 years experience in the removal of build up and clogging while constantly innovating ourselves, Standard Industrie has developed the MACSYS®, a truly high-power remote air cannon guaranteeing safety, effectiveness and reliability.

A clever combination of outlets – right number, right nominal diameter – means the MACSYS® system can be adjusted to its distance from the area of blockage, with **NO LOSS OF EFFECTIVENESS.**



◀ Examples of MACSYS® installations

▼ MACSYS® : technical specification

**MACSYS®**  
**THE MOST POWERFUL**  
REMOTE AIR  
CANNON.

	Number of outlets	Outlet size Ø (mm)	Outlet size Ø (inch)	Tank / Vessel capacity (liters)	Tank / Vessel capacity (Cu.ft)	Force at 6 bar (daN)	Force at 87 psi (lbf)
<b>MACSI00</b>	<b>4 to 8</b>	<b>100</b>	<b>4"</b>	<b>200</b>	<b>7,06</b>	<b>514</b>	<b>1 156</b>
<b>MACSI50</b>	<b>4 to 6</b>	<b>150</b>	<b>6"</b>	<b>200</b>	<b>7,06</b>	<b>1 241</b>	<b>2 790</b>

# WHAT MAKES THE **MACSYS®** SPECIAL ?



## RELIABILITY

▶ A product from the designers and manufacturers of the AIRCHOC® technology proven reliable around the world: Every MACSYS® is reliability tested prior to leaving our manufacturing facility to ensure it conforms to all specifications, safety and Quality Standards.



## SIMPLE TO INSTALL

▶ The MACSYS® can be connected to existing piping (rigid or flexible hoses) and requires no change to the electrical requirements used in traditional air cannon technology.



## SAFETY

▶ The MACSYS® is installed at a safe distance from the build up zone, maintenance can be carried out comfortably with ease and in complete safety.



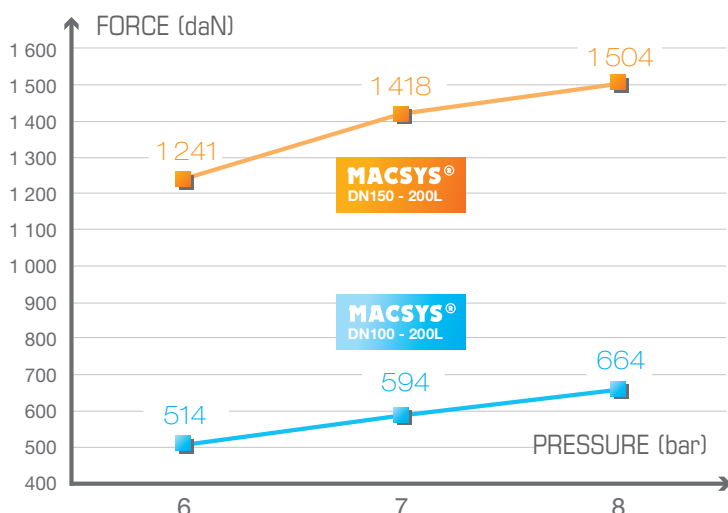
## GUARANTEED EFFECTIVE

▶ The MACSYS® has been specially designed to make sure you get effective unblocking, even at considerable distances.



## SAVINGS

▶ Maintenance time and cost reduction is an added benefit as all MACSYS® mechanism are located away from harsh plant environments. One tank means lower costs for regulatory testing.



▲ Examples of MACSYS® installations



▼ Shock force, MACSYS® DN100 and DN150 (daN) / (lbf)

Pressure (bar)	Force (daN)		Pressure (psi)	Force (lbf)	
	MACSYS 200L -DN100	MACSYS 200L -DN150		MACSYS 200L -DN100	MACSYS 200L -DN150
6	514	1 241	87	1 156	2 790
7	594	1 418	101	1 335	3 188
8	664	1 504	116	1 493	3 381