

BOOST YOUR HYDRAULIC PRESSURE!

Whether your challenge is increasing force and torque performance or reducing footprint while hitting the right cost point, miniBOOSTER can help you boost productivity and get the job done right.

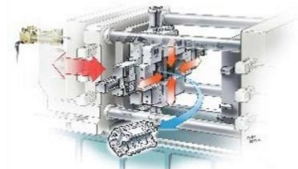
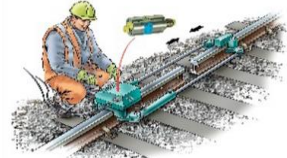
What is a miniBOOSTER?

miniBOOSTERS are oscillating pressure intensifiers that can be mounted on low-pressure hydraulic systems. The miniBOOSTER will automatically intensify system pressure giving a higher outlet pressure. miniBOOSTERS come in a vast range of models, each representing different functions for different environments.

Well-proven applications

miniBOOSTER is commonly used in:

- **Mobile application** to supply high pressure to attachments where small cylinders and high force are required. The miniBOOSTER can utilize the low-pressure vehicle hydraulic system to supply high pressure to operate high-pressure tools, compared to using expensive high-pressure pumps with flexible hoses. Some well-proven applications are stone crushers, demolitions, hook lift trailer, excavator and hydraulic jack mobile.
- **Oil & gas** rigs, where large part is submerged, construction, repair and maintenance work under water is necessary. These tasks are normally carried out by unmanned remotely operated vehicles – so called ROVs. The ROVs are equipped with different tools depending on their task, tools like hydraulic cutters, crimpers and bolt tensioners are common. The miniBOOSTER is an ideal solution for powering underwater remotely controlled equipment. It can be integrated into most underwater applications as water jetting and wire cutting, and the stainless-steel design makes it highly resistant to corrosion in the metal hostile environment.
- **Railroad**, where the miniBOOSTER is the right tool for stretching rails. In combination with a hydraulic rail stretcher, the miniBOOSTER delivers the massive power so that the stretching and welding job can be done fast and efficiently. Furthermore, the small and light-weight miniBOOSTER Portable Intensifier System is well-proven application, when electric power lines must be spliced using hydraulic crimping tools, rails must be cut with hydraulic angle cutters.
- **Rescue** vehicles, providing up to 1,000 bar for cutting spreading and lifting tools. The miniBOOSTER pressure intensifier can be mounted on the PTO of any rescue vehicle providing a reliable, fast and quiet high-pressure source to existing rescue tools.
- **Workholding** tools like clamps and support cylinders, rail clamping on machine centres, unclamping of spindle heads and rotating knives and clamps on turning machines. By simply inserting a miniBOOSTER between the hydraulic system of the machine tool and the workholding system, any pressure can be obtained. The control of the clamping and the unclamping of parts can be done from the low-pressure side via the miniBOOSTER, providing a simple and reliable method of operation.
- **Power Packs** generating high pressure and noise free operation. Power Packs equipped with miniBOOSTERS are capable of supplying high flow and pressure up to 3,000 bar. Keeping system cost and noise level very low (64 dBa), miniBOOSTER adds great value to your Power Pack.




Product Range

We have a comprehensive range of hydraulic pressure intensifiers that cover 12 intensification ratios up to **5,000 bar** and flows up to 70 l/min, using almost any media including tap water. The range covers flanged versions and tube versions and includes a standard block with a built-in valves option that dramatically reduces the need for space and piping. The miniBOOSTER product range covers your needs - Below you can see our products.

Boosters, Oil	Boosters, Oil	Stainless Boosters	Dual Media Boosters	Intensifier Systems	Intensifier Systems
HC1	HC4		HC2D2	HC22	M-HC22
HC2	HC4H	HC1W	HC2D2W	HC25	M-HC25
HC2D	HC5	HC2W	HC2D2HW	HC62-013	M-HC6
HC2D-D	HC6	HC2DW	HC6D2	HC63-013	M-HC6D
HC2P	HC62	HC2DHW	HC6D2W		M-HC7 800 bar
HC3	HC63	HC4W	HC9D2W	Cartridge Boosters	M-HC7 2000 bar
HC3-C	HC6D	HC6DW		HC1-9	M-HC-010
HC3-D	HC6D-D	HC6DHW		HC2-9	M-HC-011
HC3-F	HC6H	HC7W		HC3-9	M-HC-012
HC3-H	HC7			HC7-9	M-HC-013
HC3-H-	HC7-U				
NG10	HC8				
HC3-I	HC9				

About miniBOOSTER Hydraulics A/S :

miniBOOSTER Hydraulics A/S is a Danish company founded in 1994. miniBOOSTER has developed a comprehensive application and product programme. Consequently, we have successfully grown to be the world's leading producer of oscillating pressure intensifiers, selling our product all over the world, through our worldwide distribution network. Read more about miniBOOSTER Hydraulics at www.minibooster.com or 

Our Representative in India - HTM HYDRAULICS, please contact them for details on the Product;



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