

Industrial equipment

Hydraulic spreader for testing spot welds


holmatro®
hydraulic pumps, hoses and pumps

→ **Holmatro**, established in the Netherlands in 1967, originally bought and sold high-pressure hydraulic equipment for the ship building industry. Soon, however, many other industrial customer groups all over the world were being served. In the early seventies, we started manufacturing in our own right.

Nowadays the Holmatro Industrial Equipment product line includes a wide range of hydraulic tools specially developed for markets such as recycling, demolition, nuclear industry, foundry and construction. Holmatro comprises the whole chain concerning these tools, from the initial research phases before a tool is developed, up to and including servicing and certification of tools already in use. Our experience provides us the necessary technical expertise.

→ **Numerous car manufacturers** around the world are already using Holmatro's industrial spreader for testing spot welds.

During the welding process, spot welds are tested by ultrasonic means. To get a full picture of the quality of the welds, they need to be torn apart. Our hydraulic spreader is a very safe and ergonomic solution for this job.



Weld tear-down
result



Spreader ISU 20



model	ISU 20	
art. no.	170.102.005	
max. working pressure	bar / Mpa	500 / 50
max. spreading opening	mm	557
max. spreading force	kN / t	41.2 / 4.2
max. squeezing force	kN / t	28.7 / 2.9
weight, ready for use	kg	30.5
dimensions (lxwxh)	mm	852x358x359
temperature range	°C	-20 +80
effective oil content	cc	144

Accessories



	Spreading tip complete, 30-0 mm insertion, sharp pointed (2 needed)	150.113.071
	Spreading tip complete, 30-4 mm insertion, blunt pointed (2 needed)	170.182.002

Hose for hydraulic spreader



model	IVL 5 SOU-EK	IVL 10 SOU-EK	IVL 20 SOU-EK	
art. no.	170.570.001	170.570.002	170.570.014	
length	m	5	10	20

Pump IPU-S 09 S 25 E



model	IPU-S 09 S 25 E	
art. no.	170.152.032	
motor	Electric 1.1 kW - 400 V - 50 Hz - 3 Ph	
working pressure	bar / Mpa	500 / 50
output 0-720 bars	cc / min	900
effective capacity oil tank	cc / min	25000
weight, ready for use	kg	72
dimensions (lxwxh)	mm	500x380x770

Mobile crane for hydraulic spreader



crane for spreader, pompe and hose	130.182.199
balancer for spreader, 30 - 35 kg	130.581.001

dimensions crane	
bottom plate	1000 x 1000 mm
total height	3190 mm
height suspension point	2700 mm
arm length	2000 mm