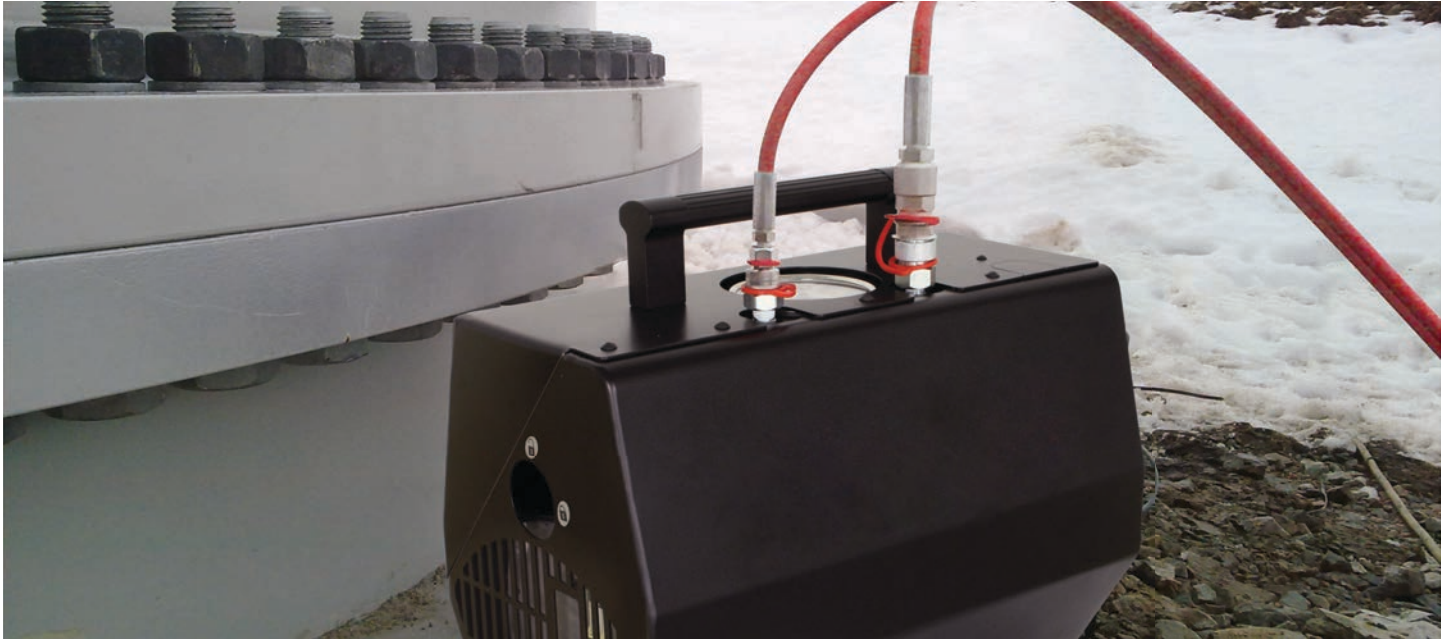


LHU data sheet

The hydraulic unit up to 800 bar



Intelligent technology aggregates.

- » Documentation of screw joints (VDI 2290)
- » Modular construction: manual, automatic, solution
- » Cassette wrenches are designed for flange connections
- » No sensitive sensor on the screw head itself
- » Teaching of foreign screwdrivers
- » Lightweight

Patent applied for cooling air supply

The novel cooling air supply in the LHU series differs from other units in that the air is not blown into the unit, but sucked in.

A vacuum is generated in the unit by the separately driven ventilator, enabling a targeted cooling air flow within the housing. This improves the cooling efficiency by 60% compared to open units.

The cooling air supply is routed according to the arrangement of the individual components in the unit. The most cooling air is routed to where the warmest components are located. This technology is unique and of enormous benefit for bolting operations.



OR



OR



Manual control - M

The classic, semi-automatic control system enables the user to manually initiate every stroke of the hydraulic torque wrench. The return stroke is automatic.



Automatic control - A



The bolting operation is started by pressing a button, then automatically implemented and ended in the automatic control mode.



Modular control - Solution

The Solution control system is modularly expandable. All settings can be configured and bolting operations documented via the display.

Technical data

Manual control – M	Type	V / Hz	MP L/min., bar	HP L/min., bar	Tank L ^{*1}	LxBxH mm	 ^{*3}
	LHU-30 M	110 / 50	2.1 / 320	0.7 / 800	3.0	400x240x380	27.0
	LHU-30 M	110 / 60	2.5 / 320	0.8 / 800	3.0	400x240x380	27.0
	LHU-30 M	230 / 50	2.1 / 320	0.7 / 800	3.0	400x240x380	27.0
	LHU-30 M	230 / 60	2.5 / 320	0.8 / 800	3.0	400x240x380	27.0
	LHU-35 M	110 / 50	3.0 / 320	0.8 / 800	3.5	570x275x400	41.5
	LHU-35 M	110 / 60	3.5 / 320	1.0 / 800	3.5	570x275x400	41.5
	LHU-40 M	230 / 50	3.1 / 320	0.7 / 800	4.0	480x270x400	33.0
	LHU-40 M	230 / 60	3.7 / 320	0.9 / 800	4.0	480x270x400	33.0
	LHU-60 M	400 / 50, 60	6.1, 7.4 / 320	1.4, 1.7 / 800	6.0	480x270x400	36.5

Automatic control – A	Type	V / Hz	MP L/min., bar	HP L/min., bar	Tank L ^{*1}	LxBxH mm	 ^{*3}
	LHU-30 A	110 / 50	2.1 / 320	0.7 / 800	3.0	400x240x380	27.2
	LHU-30 A	110 / 60	2.5 / 320	0.8 / 800	3.0	400x240x380	27.2
	LHU-30 A	230 / 50	2.1 / 320	0.7 / 800	3.0	400x240x380	27.2
	LHU-30 A	230 / 60	2.5 / 320	0.8 / 800	3.0	400x240x380	27.2
	LHU-35 A	110 / 50	3.0 / 320	0.8 / 800	3.5	570x275x400	42.0
	LHU-35 A	110 / 60	3.5 / 320	1.0 / 800	3.5	570x275x400	42.0
	LHU-40 A	230 / 50	3.1 / 320	0.7 / 800	4.0	480x270x400	33.5
	LHU-40 A	230 / 60	3.7 / 320	0.9 / 800	4.0	480x270x400	33.5
	LHU-60 A	400 / 50, 60	6.1, 7.4 / 320	1.4, 1.7 / 800	6.0	480x270x400	37.2

Modular control – Solution	Type	V / Hz	MP L/min., bar	HP L/min., bar	Tank L ^{*1}	LxBxH mm	 ^{*3}
	LHU-30 Solution	110 / 50	2.1 / 320	0.7 / 800	3.9	400x240x380	27.5
	LHU-30 Solution	110 / 60	2.5 / 320	0.8 / 800	3.9	400x240x380	27.5
	LHU-30 Solution	230 / 50	2.1 / 320	0.7 / 800	3.9	400x240x380	w27.5
	LHU-30 Solution	230 / 60	2.5 / 320	0.8 / 800	3.9	400x240x380	27.5
	LHU-35 Solution	110 / 50	3.0 / 320	0.8 / 800	3.7	570x275x400	42.5
	LHU-35 Solution	110 / 60	3.5 / 320	1.0 / 800	3.7	570x275x400	42.5
	LHU-40 Solution	230 / 50	3.1 / 320	0.7 / 800	3.7	480x270x400	34.0
	LHU-40 Solution	230 / 60	3.7 / 320	0.9 / 800	3.7	480x270x400	34.0
	LHU-60 Solution	400 / 50, 60	6.1, 7.4 / 320	1.4, 1.7 / 800	4.1	480x270x400	37.5

^{*1} Supplied filled with oil and ready for operation ^{*2} LHA-881/3D with tank cooling
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^{*3} Weight with control system, without oil