

Eco-MAX 17

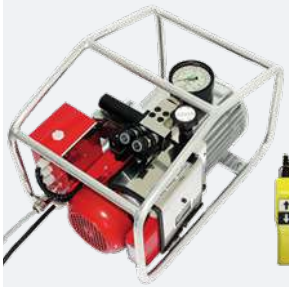


Field of application:

- ✓ For service and assembling jobs
- ✓ Optimized weight
- ✓ Easy transport
- ✓ Manual shut-off valve

Order no.	34.x1117- Motor-ID			
Type	1713		1715	
Pressure max. [bar]	1.350		1.500	
Dimension (LxWxH)	495 x 350 x 375mm			
Weight	30.5 kg			
Connection	90-110 V	1	50 Hz	-09150-19
	90-110 V	1	60 Hz	-09160-19
	190-230 V	1	50 Hz	-19150-19
	190-230 V	1	60 Hz	-19160-19
	230 V	3	50+60 Hz	-2337x
	380-420 V	3	50+60 Hz	-4037x
	480 V	3	60 Hz	-4836x
	690 V	3	50+60 Hz	-6937x
	Capacity	Phase	Frequency	Motor-ID

Eco-MAX 18



Field of application:

- ✓ For service and assembling jobs
- ✓ Optimized weight
- ✓ Easy transport
- ✓ One-man operation

Order no.	34.x1218- Motor-ID			
Type	1813		1815	
Pressure max. [bar]	1.350		1.500	
Dimension (LxWxH)	495 x 350 x 375mm			
Weight	35.0 kg			
Connection	90-110 V	1	50 Hz	-09150-IS1
	90-110 V	1	60 Hz	-09160-IS1
	190-230 V	1	50 Hz	-19150-IS1
	190-230 V	1	60 Hz	-19160-IS1
	230 V	3	50+60 Hz	-2337x
	380-420 V	3	50+60 Hz	-4037x
	480 V	3	60 Hz	-4836x
	690 V	3	50+60 Hz	-6937x
	Capacity	Phase	Frequency	Motor-ID

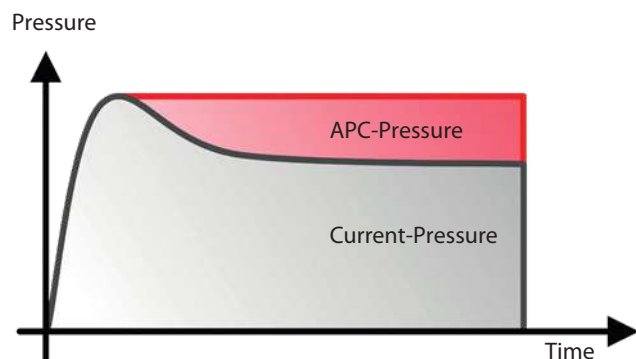
Automatic-Pressure-Control APC

When operating ITH Bolt Tensioning Cylinders, it can happen that the pressure drops by stretching of the hose lines or settling of the construction. This has effects on the results of

the bolt connection. The digital automatic pressure control (APC) readjusts the pre-determined pressure constantly and ensures a high degree of accuracy at the bolt connection.



Pressure ITH High Pressure Pump with APC control





Compact High Pressure Pumps Type Micro-MAX

ITH Micro-MAX Series were developed for service jobs for crane and wind turbine manufacturers. By a compact design, low weight and optimized dimensions the ITH Micro-MAX perfectly match the requirements for these applications.

In limited spaces or jobs of certain height the ITH Micro-MAX work reliable, quick, safe and comfortable. Battery version type Micro-MAX 72 even enables you to work independently from wired power supplies.

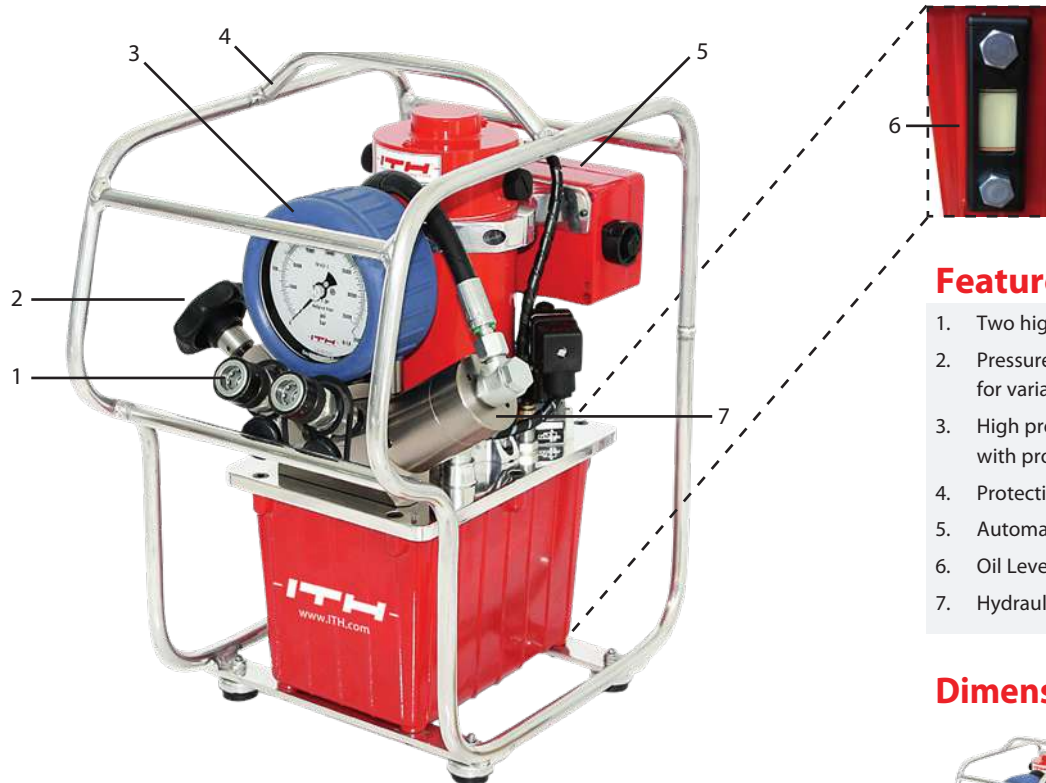


Fig.: Micro-MAX 70

Features

1. Two high pressure couplings
2. Pressure adjusting valve (PAV), for variable pressure adjusting
3. High pressure gauge with protection cover
4. Protective aluminium frame
5. Automatic Cycle counter integrated
6. Oil Level Sight Glass
7. Hydraulic Shut Off Valve

Dimensioning compared



Easy handling by lightweight and compact design

Performance

- ✓ Easy transport by lightweight design.
- ✓ Maximum pressure: 1.500 bar.
- ✓ Worldwide use: motor works on both 50 Hz and 60 Hz with voltages from 90 V – 110 V or 190 V – 230 V.
- ✓ NIOX-Coating of all steel components (Offshore ready).
- ✓ Builds up pressure quickly – fast working process.
- ✓ Easy handling even in limited spaces.
- ✓ Standard for Micro-MAX 70: Remote.
- ✓ Optional for Micro-MAX 70: Digital remote with displayed pressure.
- ✓ Optional for Micro-MAX 70: Suitable for offshore applications by NIOX-Coating and aluminium frame with protective cage.

Remotes for Micro-MAX 70



Standard (10m)

Optional:
Digital (10m)

Micro-MAX 70 - with remote



Field of application:

- ✓ For service jobs
- ✓ Optimized weight
- ✓ Easy one-man operation with remote

Order no.	34.01070-Motor-ID		34.11070-Motor-ID	
Type	7013		7015	
Pressure max. [bar]	1.350		1.500	
Dimension (LxWxH)	390 x 290 x 450mm			
Oil tank volume	3 l / 1.5 l usable			
Weight	22.5 kg			
Connection	90-110 V	1	50+60 Hz	-09174
	190-230 V	1	50+60 Hz	-19174
	Capacity	Phase	Frequency	Motor-ID

Micro-MAX 71 – with manual shut-off valve



Field of application:

- ✓ For service jobs
- ✓ Optimized weight
- ✓ Manual adjusting of the pressure by PAV (Pressure Adjusting Valve)

Order no.	34.01071-Motor-ID		34.11071-Motor-ID	
Type	7113		7115	
Pressure max. [bar]	1.350		1.500	
Dimension (LxWxH)	390 x 290 x 450mm			
Oil tank volume	3 l / 1.5 l usable			
Weight	21.5 kg			
Connection	90-110 V	1	50+60 Hz	-09174
	190-230 V	1	50+60 Hz	-19174
	Capacity	Phase	Frequency	Motor-ID

Micro-MAX 72 – Battery version



Field of application:

- ✓ For service jobs
- ✓ High performance motor, long battery capacity
- ✓ Easy cordless operation
- ✓ Long life 28V-Li-Ion battery
- ✓ Fast pressure built-up for fast assembling jobs

Order no.	34.00072	34.10072
Type	7213	7215
Pressure max. [bar]	1.350	1.500
Dimension (LxWxH)	340 x 250 x 450mm	
Oil tank volume	3 l / 1.5 l usable	
Weight	14.8 kg	
Connection	28 V / Li-Ion	

Included with:



Replacement battery



Quick-charger battery station

ITH High Pressure Pumps for offshore applications



Features:

- ✓ Suitable to all ITH High Pressure Pump units
- ✓ Coated components
- ✓ Aluminium frame with protective cage for protection of all important components

Fig.: Micro-MAX 70 with protective cage