

# Yale *hydraulic*

Electric power pack, battery driven



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The new Yale PYB cordless power pack provides a flexible edition to the Yale hydraulic programme. This extremely compact and lightweight power pack gives the user the freedom to operate in areas where there is no power source, increasing productivity over the conventional hand pump and all at the push of a button.

The power pack utilises a standard Hitachi LI-ION battery and charger to maximize operation.

Ideal for a range of applications using small to mid size single-acting cylinders, hydraulic spreaders, lifting wedges nut splitters and much more.

## OPERATING PRESSURE max. 700 bar

### FEATURES

- One-Hand-Operation. Push-button integrated into ergonomic handle.
- Two-stage operation with automatic switch-over.
- With internal pressure relief valve.
- Reservoir made from aluminium, extreme low weight.
- Protective cover to prevent inadvertent switch on of pump.
- Rubber tank bladder enables the pump to be used in any position.

### SCOPE OF DELIVERY

- Electric power pack, battery driven
- Oil filled ready for work
- Female coupler half CFY-1
- Shoulder belt



**Model PYB-1.0**  
with optional  
pressure gauge  
Model GYA-63

**Model PYB-0,6**

### INFO

Battery and charger are not supplied in the standard scope of delivery. These items must be ordered separately.

NEW DEVELOPMENT  
**CORDLESS TECHNOLOGY**  
**FOR MOBILE OPERATION**

*new!*

### Technical data model PYB

Model	EAN-No. 4053981**	Displacement	Reservoir volume	Displacement 1 <sup>st</sup> stage	Displacement 2 <sup>nd</sup> stage	Weight w/o battery	Operational weight c/w battery
			cm <sup>3</sup>	l/min	l/min	kg	kg
PYB-0,6	**982533	two-stage	600	0.7	0.06	4.8	5.5
PYB-1,0	**982717	two-stage	1000	0.7	0.06	5.7	6.4

## OPTIONS

Standard Hitachi batteries (Typ BSL 1850) and chargers are exclusively used.

- Battery model PYB-BAT, 18V, weight 0.7 kg  
EAN-No. 4053981 982694
- Quick-charger model PYB-CHARG, 230V and 12V (car plug socket incl.)  
EAN-No. 4053981 982700
- Pressure gauge set model GYA-63 consisting of: gauge GGY 632, Ø63mm, 0 - 1000bar and adaptor.  
EAN-No. 4025092 155120
- Hydraulic hose model HHC (to complete the connection a male coupler half CMY-1 is required)



**Hydraulic hose**  
model HHC



**Optional pressure gauge set**  
model GYA-63



**One-Hand-Operation**  
push-button integrated into ergonomic handle.



**Quick-charger**  
model PYB-CHARG



**Battery**  
model PYB-BAT

## POSSIBLE APPLICATIONS AND DEVICES TO BE COMBINED



Ideal application in combination with compact, portable hydraulic tools like spreaders, lifting wedges, low profile and flat cylinders as well as nut splitters.



**Low-profile and flat cylinders**  
model YLS and YFS,  
10-100t

**Spreaders**  
model YHS,  
0.5-1.5t



**Lifting wedges**  
model HK-16T, 16t

## COMPARISON

Cylinder size t	Hand pump		Electric power pack PYB	
	No. of pump strokes for 10 mm stroke		Piston travel speed	
	HPS-2/0,7 A up to HPS-2/10 A LP	HPS-1/0,7 A up to HPS-2/10 A HP	in mm/sec	
			LP	HP
5	1	4	16.2	1.4
10	1	7	8.2	0.7
15	2	11	5.4	0.5
20	2	14	4.1	0.35
21	2	15	3.8	0.33
23	3	17	3.5	0.3
30	3	22	2.7	0.23

LP = Low-pressure stage (unloaded stroke)  
HP = High-pressure stage (loaded stroke)



**Spreading wedges**  
model YSW-14T, 14t



**Nut splitters**  
model YNS/YNS-AH,  
SW 11-89 mm

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