

# MAXIMUM PERFORMANCE. ACCURATE DOCUMENTATION.



## ITS BENEFITS. YOUR BENEFITS.

### Time savings, highly increased quality

- Patented: measurement with integrated torque spanner
- Automatic – precise– controlled
- No final tightening with torque spanner
- Torque is measured directly at the wrenching motor, it is not calculated via the hydraulic pressure.

### Intelligent electrical control

- Learning control with nominal/actual adjustment
- Consistently high wrenching precision
- No manual recalibration on the worksite
- Annual check in own workshop

### Reduces labour cost to minimum, makes wrenching easy

- Faster wrenching at 205 rpm
- High tightening/loosening torque for rusty rail fastenings and for dismantling screws without stalling the engine
- Wrenching mode selection at the push of a button

### Work result fully documented

- Recording of each wrenching process
- Captures wrenching frequency, kilometre marking and wrenching modes
- Recognises defective screws and damaged threads
- Output of coded results (log) via USB
- Auditable performance protects against future claims

### Carefully packaged

- Electrical lines and sensors protected in frame and handles
- Aluminium covers
- Increased operational safety - fewer downtimes
- Fewer spare parts and repairs
- No capital tied up in replacement machines

### Added value with the option of

- GPS link for precise information of working position in order to optimise reporting

## PRECISION WRENCHING.

### The next generation.

The fully hydraulic Precision Power Wrench ROBEL 30.73 PSM tightens and loosens every screw connection precisely to the specified torque. The combination of high spindle speed and high loosening torque accelerates the wrenching process, makes work easier and reduces costs.

The 30.73 PSM consistently documents accurate measuring results which are captured exactly where they are taken. No longer required to undertake follow up checks.

## FOCUS ON OPERATOR

### Symbiotic relationship of ergonomics and efficiency

Ergonomic design safeguards the long-term retention of the workforce. Employees benefit from better health, companies benefit from greater efficiency.

### The ROBEL 30.73 PSM provides

- Maximum operator safety and comfort
- Increase in work quality

### due to:

- Operator posture minimising discomfort
- Weight of under 100 kg
- Optimum machine balance
- Adjustable handles
- Safe 2-hand control

TECHNICAL SPECIFICATIONS	ROWRENCH P4 Rec	ROWRENCH E
Drive	Air-cooled 4-stroke petrol engine	Elektromotor, Drehstrom
Type	HONDA GX200	
Output	4.3 kW at 3,600 rpm	400 V 50 Hz
Wrenching parameters	Speed (tightening and loosening) adjusts automatically (max. 205 rpm)	Speed (tightening and loosening) adjusts automatically (max. 238 rpm)
Loosening torque	max. 900 Nm	max. 900 Nm
	Tightening torque depending on the machine version max. 500 Nm	Tightening torque max. 500 Nm
Dimensions (L x W x H)	1530 x 470 x 670 mm (transport position) 2090 x 470 x 960 mm (working position)	
Weight	~99 kg machine ~6 kg travelling gear ~3.5 kg outrigger	~116 kg machine

## ACCESSORIES

7739910001 Travelling gear  
7730800001 Outrigger track gauge 1435mm  
or  
7730750001 Four-wheel travelling gear  
7738950140 Extension 100mm with quick-chuck

7738930110 Penholder for marker  
7738930120 Bottle holder  
8328980100 Box for traversing gear  
Covering sheet

7738950110 Torque wrench adapter  
9002501350 Torque wrench constant  
Oil change kit  
9008110846 USB-stick (Only original is allowed to be used)

Other sockets (also articulated for straight output drive) can be found on page 72.

### Sockets

#### Sockets, articulated

##### Hexagonal articulated, with nut ejector, complete with driving head, wrenching part, compression spring

8003062054 Socket hex SW 30 O-ring cylindrical pin  
8003062064 Socket hex SW 32  
8003062014 Socket hex SW 33

8003062033 Socket hex SW 34  
9891368034 Socket hex SW 35  
8003062055 Socket hex SW 36  
8003062049 Socket hex SW 38  
8003062001 Socket hex SW 39  
8003062051 Socket hex SW 40  
8003062017 Socket hex SW 41  
8003062039 Socket hex SW 42  
8003062008 Socket hex SW 44  
8003062056 Socket hex SW 46

##### Rectangular articulated, without ejector

8003062059 Socket rect. 26 x 18  
8003062047 Socket rect. 24 x 20  
8003062070 Socket rect. 24,5 x 20,5  
8003062005 Socket rect. 28 x 21  
8003062048 Socket rect. 30 x 22  
8003062046 Socket rect. 30 x 20

##### Square articulated, without ejector

8003062043 Socket sq. 18 x 18  
8003062004 Socket sq. 19 x 19  
8003062044 Socket sq. 24 x 24  
8003062040 Socket sq. 23 x 23  
8003062061 Socket sq. 22 x 22  
8003062063 Socket sq. 32 x 32