

PRECISION WRENCHING OF THE LATEST GENERATION.



ROWRENCH 30.76 E³ – 7919900201
Transverse bogie - 7730750001
Extension - 5018950005

For fully electric tightening or loosening of all screw connections with very large operating range.

THE ADVANTAGES. YOUR BENEFITS.

Ergonomic & sustainable

- Lightweight
- Ideally balanced machine due to telescopic frame
- Battery drive: high efficiency even for longer track sections
- Up to 5000* wrenching cycles per battery charge
- Folding and height-adjustable guide handles
- No exhaust fumes, unpleasant odours or pollution, suitable for tunnels and urban areas
- Low noise emissions and reduced hand-arm vibrations
- Machine is ready at the press of a button
- LED lighting

Intelligent wrenching machine

- Self-learning and intuitive control with target/actual comparison
- Constantly high wrenching precision
- Recognises defective screws and damaged threads, reacts to conditions and regulates further wrenching processes
- Selection of track type at the push of a button
- Machine adjusts to track quality automatically

Time saved, quality increased

- Machine immediately ready to use due to measurement
- The torque is measured electronically at the screw spindle
- Very low torque adjustable: from 100 Nm

Minimised labour costs, wrenching made easy

- High tightening/loosening torque for rusty rail fastenings and for dismantling screws
- Fast wrenching
- Operation as ROWRENCH 30.73PSM – no need to get used to the machine

Work result fully documented

- Recording of each wrenching process
- Captures wrenching frequency, kilometre marking and wrenching mode
- Output of results (Excel log) and of GPS coordinates (transferable to online map services) via USB
- Verifiable performance protects against future claims

Economic and efficient

- Aluminium covers
- High availability of the machine
- Minimal maintenance effort, no wear parts (spark plugs, oil, etc.)
- Customer-friendly, annual calibration; independent performance possible

SPECIFICATION

Drive	BLDC electric motor
Output	7.5 kW
Spindle speed	max. 200 U/min
Loosening torque	max. 900 Nm
Tightening torque	100-500 Nm
Number of wrenching cycles / battery charge	up to 5000*
Dimensions (L x W x H)	
Transport position (dimensions correspond to Euro pallet size)	1200 x 510 x 720 mm
Working position (extendable)	2000-2200 x 660 x 720 mm
Weight	
Machine	from 80 kg
Battery 2300 Wh	16.0 kg
Travelling gear	Transverse bogies available for all gauges Monorail trolleys with outrigger available for all gauges

(*) Depending on type of track, condition of track, torque required etc.

OPTIONS

1. Travelling gear

5010820006	Monorail trolley
8911164032	Outrigger, gauge 1435 mm
7730750001	Transverse bogie, gauge 1435 mm (60 mm height above top of rail, plastic rollers)

Other gauges on request.

2. Extensions

for monorail trolley:

5018950001	straight extension for split sockets
5018950005	crowned extension for one-piece, rigid sockets

for transverse bogie:

5018950007	straight extension for split sockets
5018950010	crowned extension for one-piece rigid sockets

for transverse bogie (raised):

5018950008	straight extension for split sockets
5018950011	crowned extension for one-piece rigid sockets

3. Sockets

One-piece rigid design:

8003082038	Hex AF 38
8003082036	Hex AF 39
8003082071	Hex AF 41
9871033070	Rectangular 28 x 21
9871032123	Square 23 x 23
9871032427	Square 27 x 27
9871033072	Rectangular 24.5 x 20.5

Split articulated design:

8003062001	Hex AF 39
8003062017	Hex AF 41
8003062005	Rectangular 28 x 21

For other dimensions see separate overview.

ACCESSORIES

7839900001	Battery 2300Wh
7879900001	Charger for battery 2300 Wh
9000208017	Battery box for battery 2300 Wh

USB stick

9008000057	Spare USB stick
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Torque wrench

9002501350	for annual calibration (set to 250 Nm)
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Transport frame

7738960001	stackable, universal setting for ROBEL wrenching machines (30.73, 30.76 E ³ , 30.82RKS, 30.82HKS, 30.82 HKS E ³ , 30.83, 34.01)
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Toolbox

8328980100	Toolbox for fitting on transverse bogie
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Cover

9000100065	for weather protection
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