

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	17.5 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

Torque wrench

- 9002501350 for annual calibration (set to 250 Nm)

Transport frame

- 7738960001 stackable, universal setting for ROBEL wrenching machines (30.73, 30.76 E³, 30.82RKS, 30.82HKS, 30.82 HKS E³, 30.83, 34.01)

Toolbox

- 8328980100 Toolbox for fitting on transverse bogie

Cover

- 9000100065 for weather protection