

# Hara

# manual ratchet

Typ RA 1.0

technology compatible  
with system

... from

**elomat**<sup>®</sup>

*Makes turning easier*

*Protects your back*

*It's good fun*

*everything OK*

- Practical manual ratchet for various applications

- Robust design

- Low weight of 5 kg

- Manual grip with crank for 360° rotations

- Can be combined with Elomat telescopic slide gate valve wrench

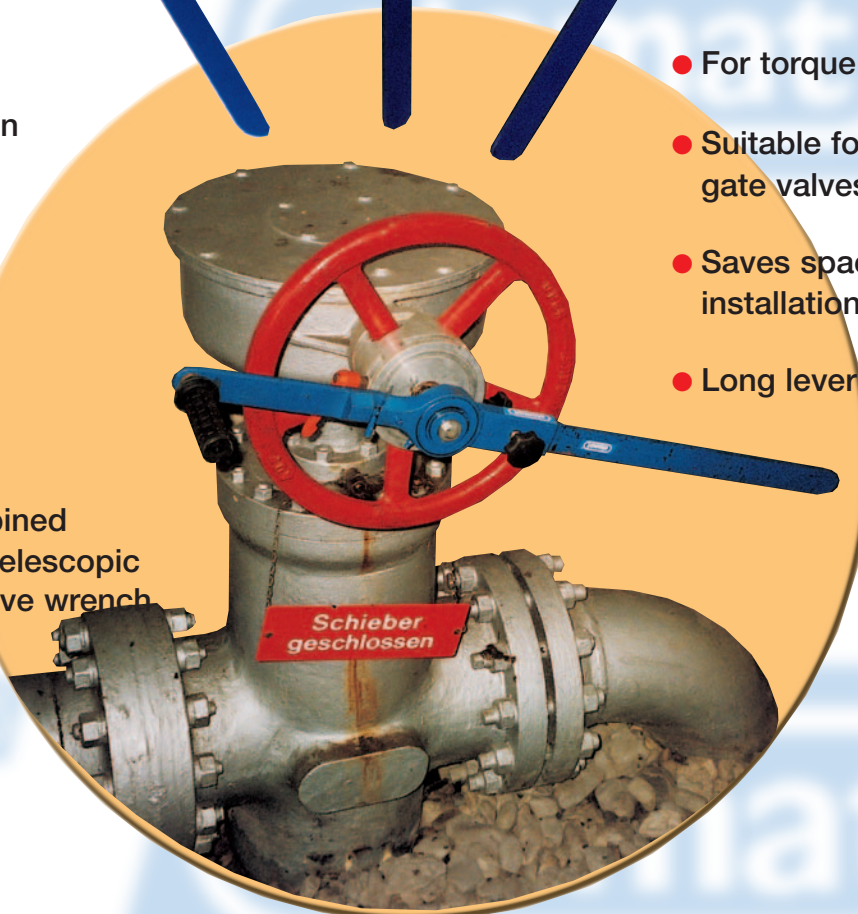
- Can be fitted with various Elomat adapters

- For torque levels of up to 600 NM

- Suitable for unblocking slide gate valves

- Saves space in narrow installation situations

- Long lever side can be dismantled



**elomat**<sup>®</sup>

Elomat Wassertechnik GmbH

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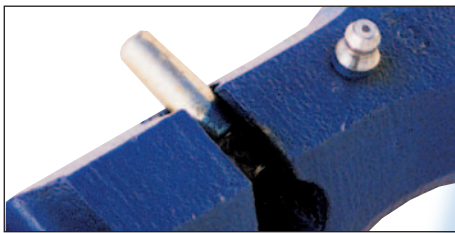
# ... Something is turning

*everything OK*

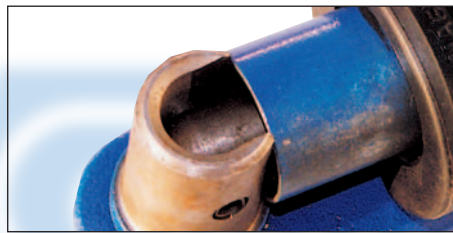
... from



Good lever arm length and ergonomic grip holder make turning easier



Direction of rotation can be easily changed over. The ratchet does not have to be reversed.

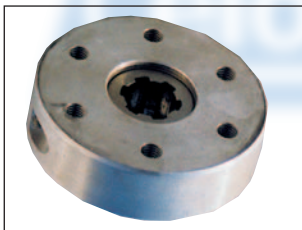


Crank saves space and can be folded across conveniently



Effortless hydrant pillar activation by means of 2 different lever arm lengths

**Compatible accessories for hand wheel slide gate valve, also suitable for the Handymat slide gate valve turning machines produced by Elomat.**



1 aluminium core #Fix Z 20 suitable for 3<sup>rd</sup>/4<sup>th</sup>/5<sup>th</sup> Handyfix standard diameters (single purchase)

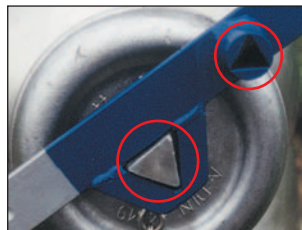
1 aluminium ring #Fix Z 21 suitable for 6<sup>th</sup>/7<sup>th</sup> Handyfix in conjunction with aluminium core (single purchase)



Aluminium Handyfix hand wheel spoke adapter  
3-spoke Handyfix # Fix 3  
4-spoke Handyfix # Fix 4  
5-spoke Handyfix # Fix 5  
6-spoke Handyfix # Fix 6  
7-spoke Handyfix # Fix 7

Additional accessories :

Adapter for hydrant pillar activation (hex) #HY21, adapter for hydrant pillar activation (hole pattern) #HYZ20, adapter with 30/30 square #HY2.6, coupling sleeve for adapter with square #HYZ28



Triangular wrench for hydrant pillar locks #RADV11

+ Aluminium core Fix #Z20 needed (single purchase)

} Aluminium ring #FixZ21 needed (single purchase)

Required buried slide gate valves with continual spindle



Aluminium 50 mm space pipe # Fix 22 with one-sided core to hold the Handyfix support of 3-7 spokes and manual ratchet (single purchase)

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