MANUAL WEIR SLUICE GATE

GENERAL CHARACTERISTICS

The manual weir sluice gate is used as a cut-off element for channels, storage tanks, underwater holes, pipes, etc.

CONSTRUCTIONAL CHARACTERISTICS

- SLIDING FRAME for the shield, made of AISI 304 stainless steel profiles;
- SHIELD in reinforced AISI 304 stainless steel;
- THRUST wedges attached to the frame and shield;
- RISING TPN screw in AISI 304 stainless steel, hinged on the shield;
- BRONZE nut for the TPN screw incorporated on the handwheel;
- HANDWHEEL for lifting and lowering the shield;
- MUSICAL NOTE type gasket.
- STANDARD CONFIGURATION
- FRAME and SHIELD made of AISI 304 stainless steel;
- SLIDING screw in AISI 304 stainless steel;
- Neoprene SEAL;
- HANDWHEEL made of epoxy coated carbon steel.

The sluice gate is available with seals on 3 or 4 sides (pipe).

Also available in carbon steel.

OPERATION

Turning the handwheel at the top of the sluice gate lifts or lowers the shield, to change the level of the basin or channel.

The weir sluice gates have seals on three sides.

The “musical note” type gasket is fitted on the shield with a plate and screws in AISI 304 stainless steel

The seal is fitted with a strip system on the frame and shield that compress the seal horizontally.

PSCM

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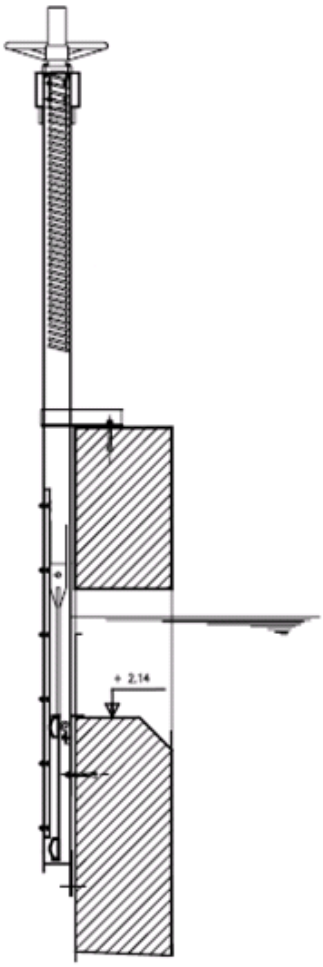

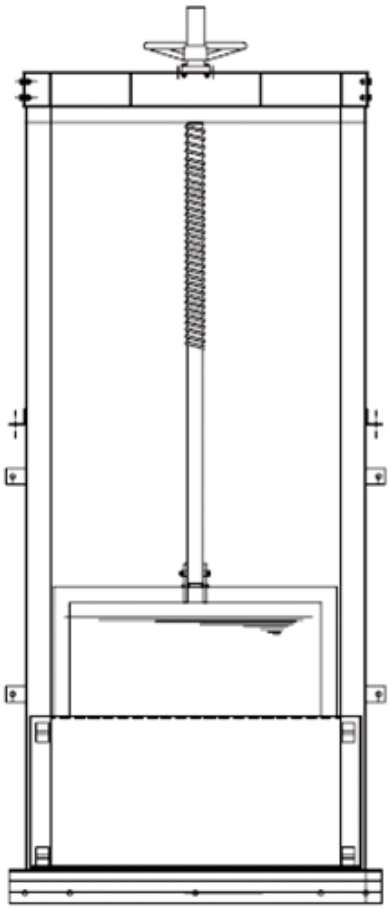

Main Features	UNIT	Dimensions
Width (L)	mm	300 - 1000
Width (L1)	mm	L + 300
Height (h)	mm	200 - 1200
Height (h_1)	mm	1000
Overall height (H)	mm	1200 - 2700
Seal side	n°	1 - 2
Peripheral seal	n°	3/4 lati - 3/4 sides

The company resereves the right to make modification and improvements without prior notice.

OFFICINE MECCANICHE ITALIANE srl
Via delle Valli 44/A – Aprilia (LT) Tel.: 06.92.71.66.4 – Fax : 06.92.91.24.76
e-mail: info@officinemeccanicheitaliane.it – www.officinemeccanicheitaliane.it