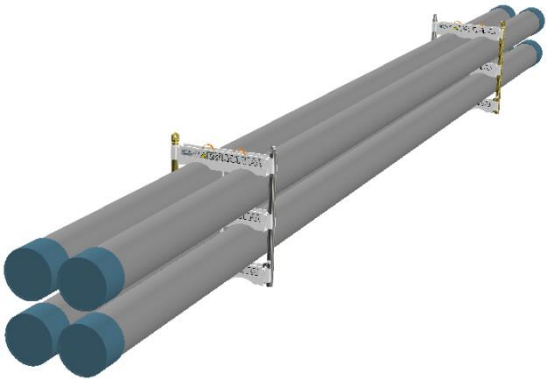
Lillebæltsvej 39 ● DK 6715 Esbjerg N ● CVR: 33950705 ● www.globalgravity.dk

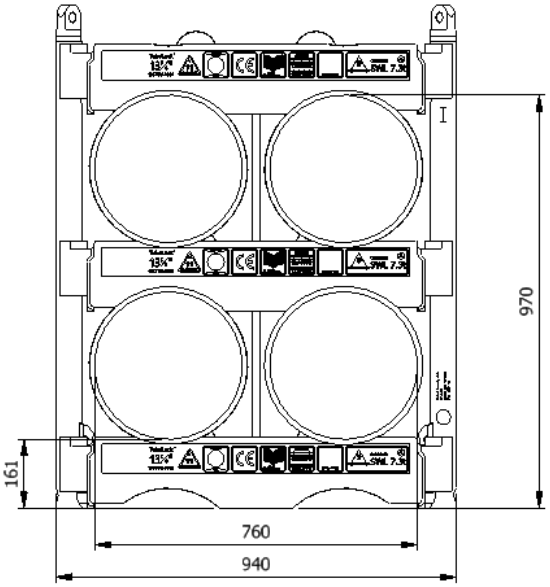
Datasheet 1358-0900-2-I

SWL	7.3 t
Pipe OD	13-5/8”
Maximum weight per pipe	1796 kg
Pipe capacity per system	4
M20 Bolt length	430mm
Lifting pole	LP - I
H-Profile	1358TU-0900
TL weight per system	117 kg



CODES AND STANDARDS

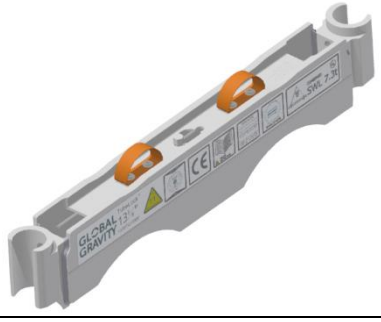
- DNVGL-ST-0378
- NORSOK R-002
- LOLER 1998 Lifting operation and lifting equipment regulations
- ILO Conversation No. 152
- CE declaration of conformity
- Machinery Directive: MD2006/42/EC



TEST

- Load Test 2X SWL on 20% per batch
- NDT 100% of Primary per batch before and after test
- 5 yearly load test

H-Profile



Lifting Pole

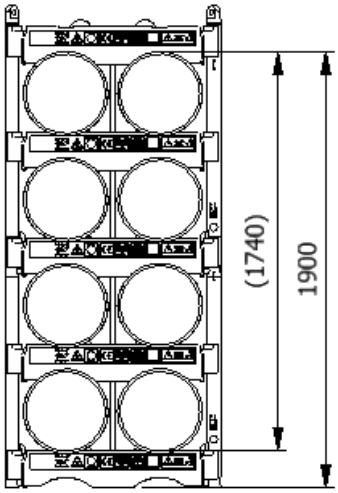
Stacking

Sketch	Systems Stacked	Height (mm)	Joints	Supported	Truck	Boat	Rig	Yard
A	1	980	4		x	x	x	x
B	2	1900	8		(x)	x	x	x

(x): Depending on Truck set-up and regulation

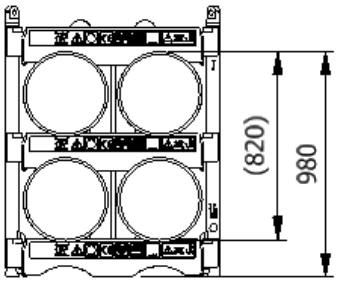
All sketch dimensions in mm

2 SYSTEMS STACKED
(8 JOINTS)



B

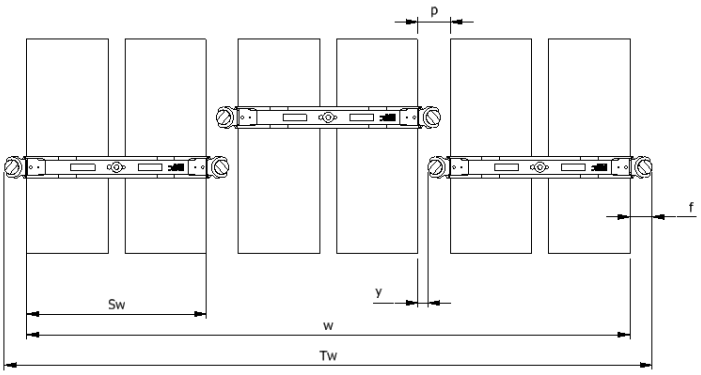
1 SYSTEMS STACKED
(4 JOINTS)



A

Spacing

Status	w (width) n (number of rows)	S_w(system width)	k(constant)	y(info)	p(info)	T_w(total width)	f(constant)
Storages	$w = S_w + k \cdot (n-1)$	756	847	0	91	$T_w = w + 2f$	91
Running on rig	$w = S_w + k \cdot (n-1)$	756	887	40	131	$T_w = w + 2f$	91



Example: Top view of Systems

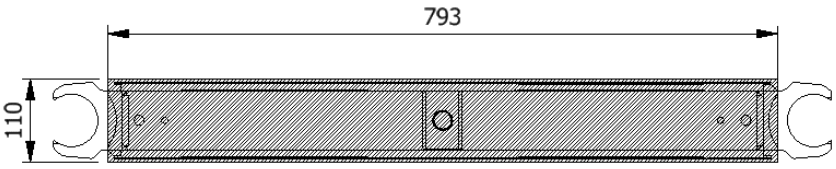
Example:
Spacing of 3 systems

$$w = S_w + k \cdot (n-1) = 756 + 847 \cdot (3-1) = 2530mm$$
$$T_W = w + 2f = 2530 + 2 \cdot 91 = 2712mm$$

The width "w" for spacing of systems is 2530mm from the first pipe to the last and the total width "T_w" is 2712mm between the 2 outer most Lifting Poles

Footprint

The figure below shows the footprint surface area of a singel H-profile.
The footprint is shared between the lowest H-profiles based on
the number of frames and the number systems stacked



Example: Footprint Surface Area

Maximum Footprint Table (based on 7.3mT SWL)			
System Stacked	**2 frames**	**3 frames**	**4 frames**
1	$410{,}9\ kN/m^2$	$278{,}8\ kN/m^2$	$234{,}8\ kN/m^2$
2	$821{,}8\ kN/m^2$	$557{,}7\ kN/m^2$	$469{,}6\ kN/m^2$
3	$1232{,}7\ kN/m^2$	$836{,}5\ kN/m^2$	$704{,}4\ kN/m^2$
4	$1643{,}6\ kN/m^2$	$1115{,}3\ kN/m^2$	$939{,}2\ kN/m^2$
5			
6			
7			
8			