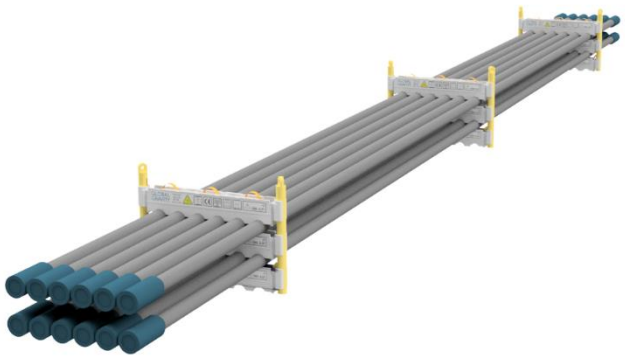
Lillebæltsvej 39 ● DK 6715 Esbjerg N ● CVR: 33950705 ● www.globalgravity.dk

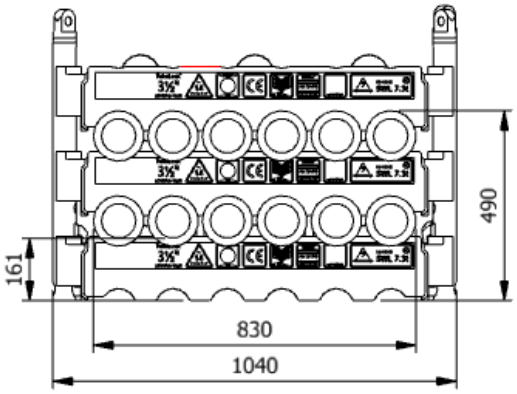
Data sheet 0350TU-1000-2-C

SWL	7.3 t
Pipe OD	3-1/2”
Maximum weight per pipe	594kg
Pipe capacity per system	12
M20 Bolt length	190mm
Lifting pole	LP - C
H-Profile	0350TU-1000
TL weight per system	172 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

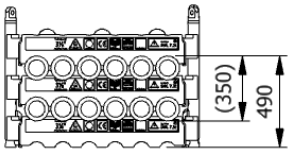
Stacking

Sketch (Page 2)	Systems Stacked	Height (mm)	Joints	Supported	Truck	Boat	Rig	Yard
A	1	490	12		x	x	x	x
B	2	930	24		x	x	x	x
C	3	1365	36		x	x	x	x
D	4	1800	48		x	x	x	x
E	5	2240	60		(x)		x	x
F	6	2680	72	x			x	x
G	7	3120	84	x			x	x
H	8	3550	96	x			x	x

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

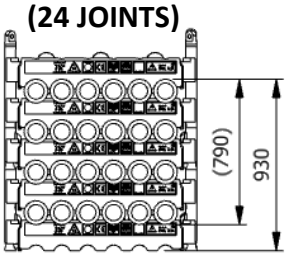
All sketch dimensions in mm

SINGLE SYSTEM (12 JOINTS)



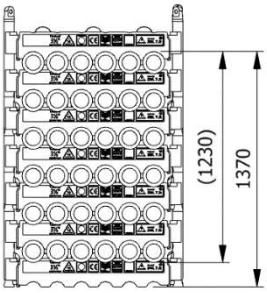
A

2 SYSTEMS STACKED (24 JOINTS)



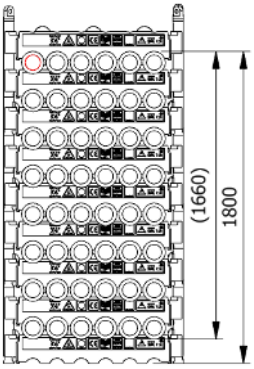
B

3 SYSTEMS STACKED (36 JOINTS)



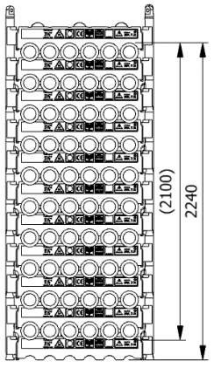
C

4 SYSTEMS STACKED (48 JOINTS)



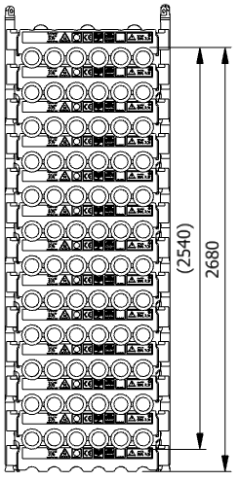
D

5 SYSTEMS STACKED (60 JOINTS)



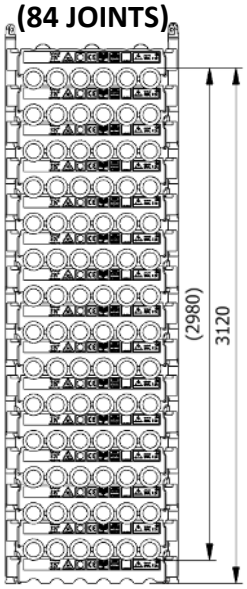
E

6 SYSTEMS STACKED (72 JOINTS)



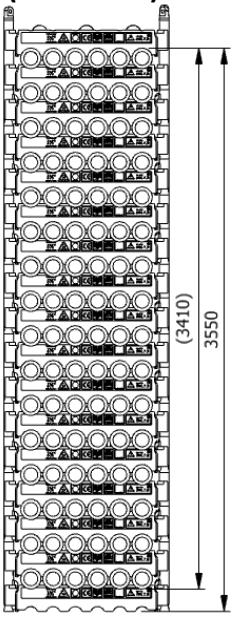
F

7 SYSTEMS STACKED (84 JOINTS)



E

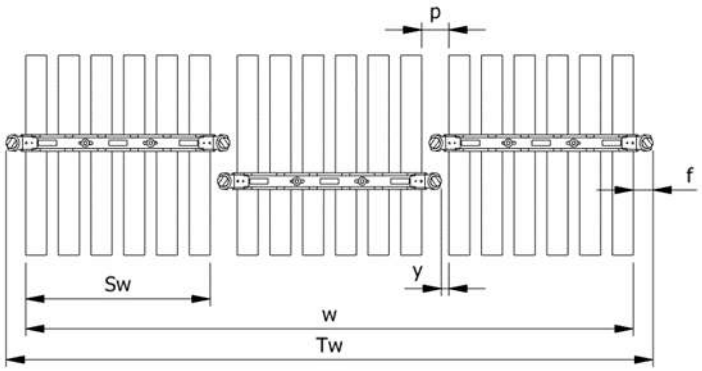
8 SYSTEMS STACKED (96 JOINTS)



G

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	$w = S_w + k \cdot (n-1)$	790	915	0	125	$T_w = w + 2f$	125
Running on rig	$w = S_w + k \cdot (n-1)$	790	955	40	165	$T_w = w + 2f$	125



Topview of systems

Example:
Spacing of 3 systems

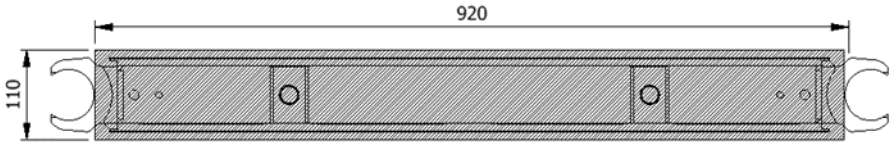
$$w = S_w + k \cdot (n-1) = 790 + 915 \cdot (3-1) = 2620mm$$
$$T_W = w + 2f = 2620 + 2 \cdot 125 = 2870mm$$

The width "w" for spacing of systems is 2620mm from the first pipe to the last and the total width "T_w" is 2870mm 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	354,2 kN/m^2	240,3 kN/m^2	202,4 kN/m^2
2	708,4 kN/m^2	480,7 kN/m^2	404,8 kN/m^2
3	1062,5 kN/m^2	721 kN/m^2	607,2 kN/m^2
4	1416,7 kN/m^2	961,3 kN/m^2	809,6 kN/m^2
5	1770,9 kN/m^2	1201,7 kN/m^2	1011,9 kN/m^2
6	2125,1 kN/m^2	1442 kN/m^2	1214,3 kN/m^2
7	2479,3 kN/m^2	1682,4 kN/m^2	1416,7 kN/m^2
8	2833,4 kN/m^2	1922,7 kN/m^2	1619,1 kN/m^2