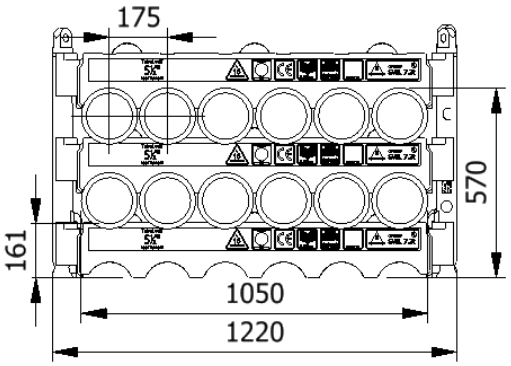
Data sheet 0550TU-1200-2-C

SWL	7.3 t
Pipe OD	5-1/2”
Maximum weight per pipe	599kg
Pipe capacity per system	12
M20 Bolt length	220mm
Lifting pole	LP - C
H-Profile	0550TU-1200
TL weight per system	111 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

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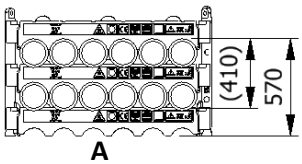
Stacking

Sketch	Systems Stacked	Height (mm)	Joints	Supported	Truck	Boat	Rig	Yard
A	1	570	12		x	x	x	x
B	2	1080	24		X	x	x	x
C	3	1590	36		(x)	x	x	x
D	4	2100	48		(x)		x	x
E	5	2610	60	x			x	x
F	6	3120	72	x			x	x
G	7	3630	84	x			x	x

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

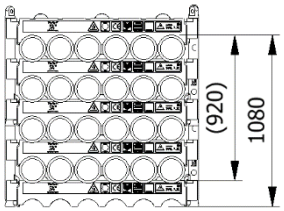
All sketch dimensions in mm

SINGLE SYSTEM (12 JOINTS)



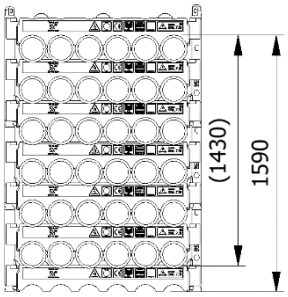
A

2 SYSTEMS STACKED (24 JOINTS)



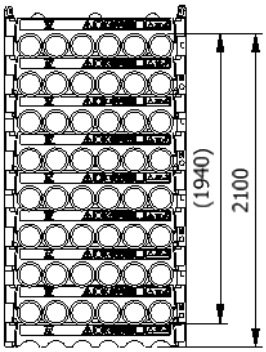
B

3 SYSTEMS STACKED (36 JOINTS)



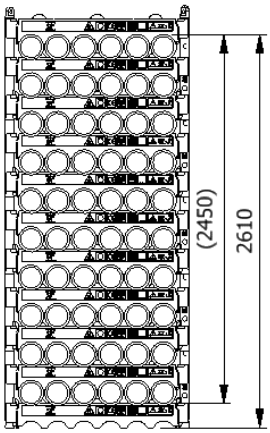
C

4 SYSTEMS STACKED (48 JOINTS)



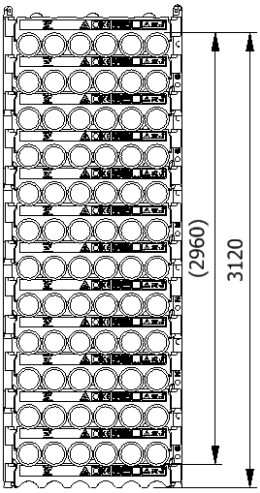
D

5 SYSTEMS STACKED (60 JOINTS)



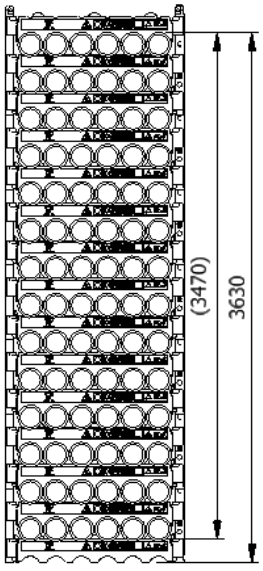
E

6 SYSTEMS STACKED (72 JOINTS)



F

7 SYSTEMS STACKED (84 JOINTS)



G

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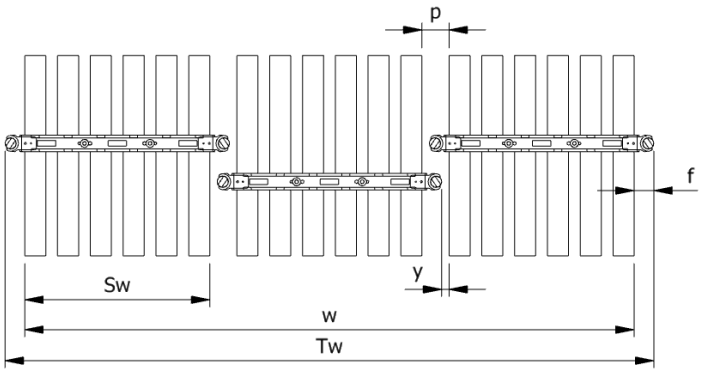
Spacing

Status	w (width) n (number of rows)	S_w(system width)	k(constant)	y(info)	p(info)	T_w(total width)	f(constant)
Storages	$w = S_w + k \cdot (n - 1)$	1015	1116	0	102	$T_w = w + 2f$	101
Running on rig	$w = S_w + k \cdot (n - 1)$	1015	1157	40	142	$T_w = w + 2f$	101



Example: Top view of Systems

Example:
Spacing of 3 systems

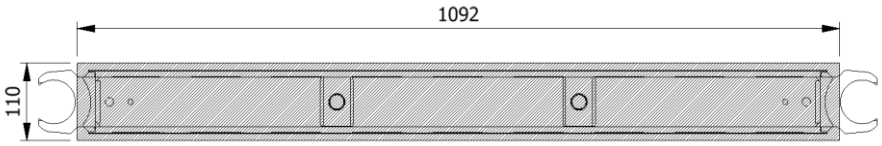
$$w = S_w + k \cdot (n - 1) = 1015 + 1116 \cdot (3 - 1) = 3247mm$$
$$T_W = w + 2f = 3247 + 2 \cdot 101 = 3449\ mm$$

The width "w" for spacing of systems is 3247mm from the first pipe to the last and the total width "T_w" is 3349mm 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	298,4 kN/m^2	202,5 kN/m^2	170,5 kN/m^2
2	596,8 kN/m^2	405 kN/m^2	341 kN/m^2
3	895,2 kN/m^2	607,4 kN/m^2	511,5 kN/m^2
4	1193,6 kN/m^2	809,2 kN/m^2	682 kN/m^2
5	1492 kN/m^2	1012,4 kN/m^2	852,6 kN/m^2
6	1790,4 kN/m^2	1214,9 kN/m^2	1023,1 kN/m^2
7	2088,8 kN/m^2	1417,4 kN/m^2	1193,6 kN/m^2

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