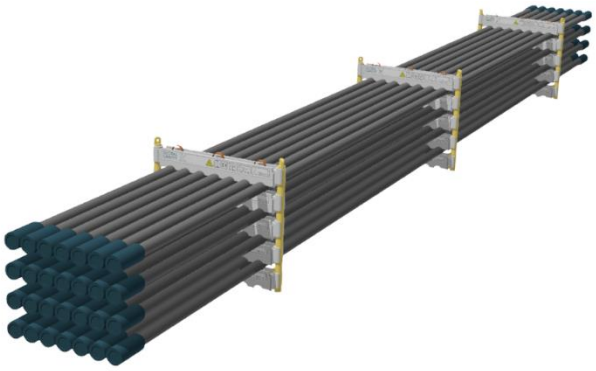
Lillebæltsvej 39 ● DK 6715 Esbjerg N ● CVR: 33950705 ● www.globalgravity.dk

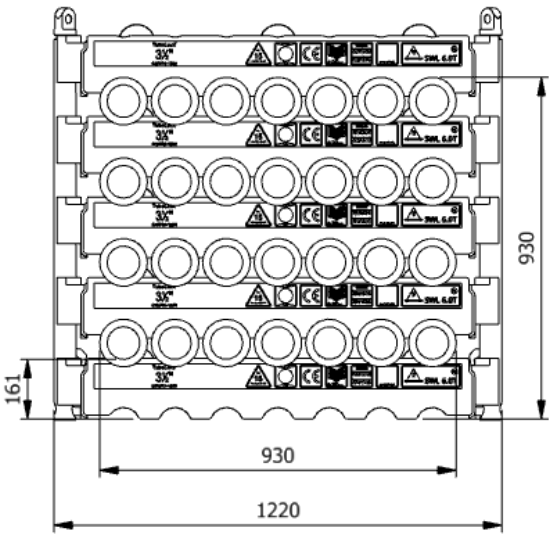
Data sheet 0350TU-1200-4-H

SWL	7.3 t
Pipe OD	3-1/2”
Maximum weight per pipe	250kg
Pipe capacity per system	28
M20 Bolt length	190mm
Lifting pole	LP - H
H-Profile	0350TU-1200
TL weight per system	275 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 2X SWL on 100% of items

H-Profile

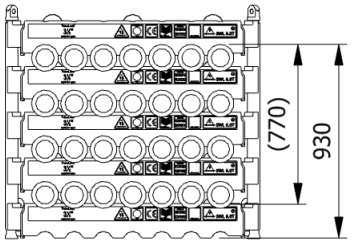
Lifting Pole

Stacking

Sketch	Systems Stacked	Height (mm)	Joints	Supported	Truck	Boat	Rig	Yard
A	1	930	28		x	x	x	x
B	2	1810	56		(x)	x	x	x
C	3	2680	84	x			x	x
D	4	3560	112	x			x	x

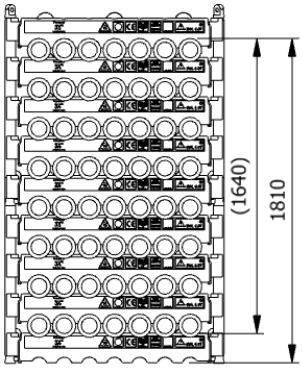
(x): Depending on Truck set-up and regulation

SINGLE SYSTEM
(28 JOINTS)



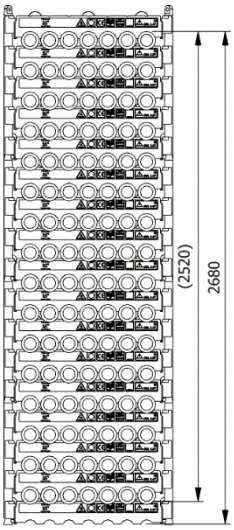
A

2 SYSTEMS STACKED
(56 JOINTS)



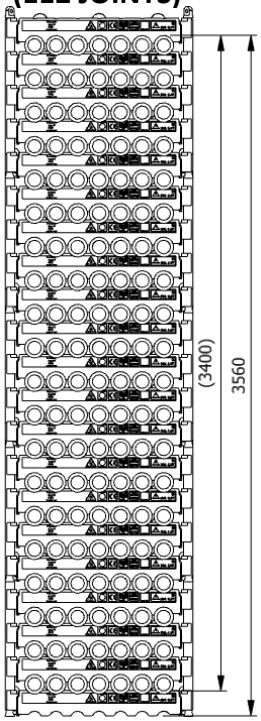
B

3 SYSTEMS STACKED
(84 JOINTS)



C

4 SYSTEMS STACKED
(112 JOINTS)

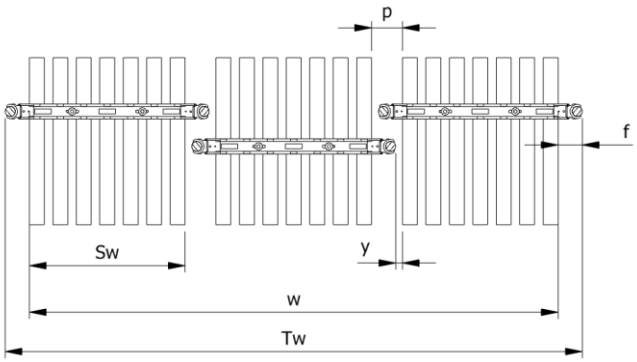


D

All sketch dimensions in mm

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	$w = S_w + k \cdot (n-1)$	930	1075	0	145	$T_w = w + 2f$	145
Running on rig	$w = S_w + k \cdot (n-1)$	930	1115	40	185	$T_w = w + 2f$	145



Topview of systems

Example:
Spacing of 3 systems

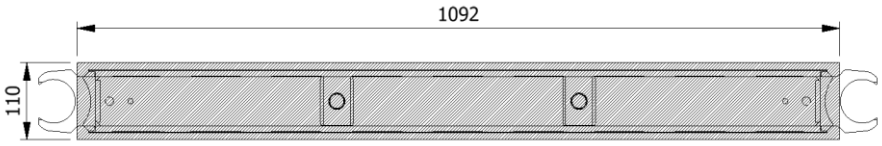
$$w = S_w + k \cdot (n-1) = 930 + 1115 \cdot (3-1) = 3160mm$$
$$T_W = w + 2f = 3160 + 2 \cdot 145 = 3450mm$$

The width "w" for spacing of systems is 3160mm from the first pipe to the last and the total width "T_w" is 3450mm 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	$1193{,}6\ kN/m^2$	$809{,}2\ kN/m^2$	$682\ kN/m^2$