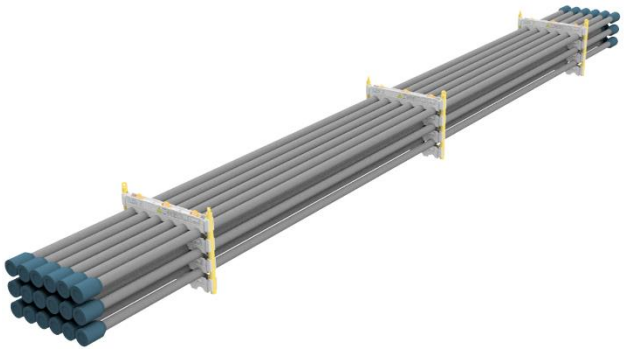
Lillebæltsvej 39 ● DK 6715 Esbjerg N ● CVR: 33950705 ● www.globalgravity.dk

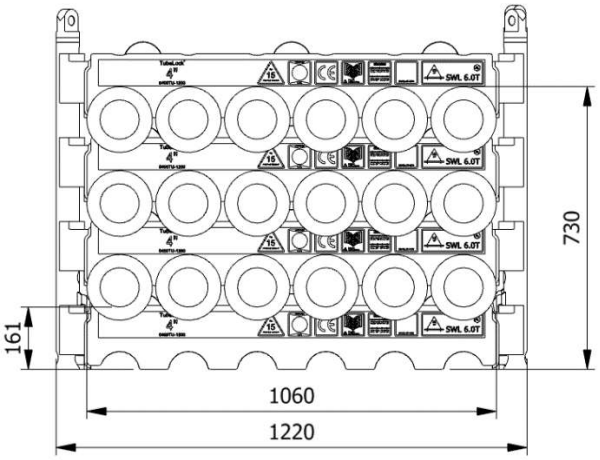
# Datasheet 0400TU-1200-3-E

| | |
|---|---|
| SWL | 7.3 t |
| Pipe OD | 4” |
| Maximum weight per pipe | 392kg |
| Pipe capacity per system | 18 |
| M20 Bolt length | 190mm |
| Lifting pole | LP - E |
| H-Profile | 0400TU-1200 |
| TL weight per system | 239 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**

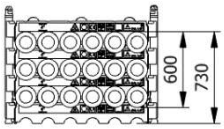
## Stacking

| Sketch | Systems Stacked | Height (mm) | Joints | Supported | Truck | Boat | Rig | Yard |
|---|---|---|---|---|---|---|---|---|
| A | 1 | 730 | 18 | | x | x | x | x |
| B | 2 | 1380 | 36 | | x | x | x | x |
| C | 3 | 2030 | 54 | | x | x | x | x |
| D | 4 | 2680 | 72 | | x | x | x | x |
| E | 5 | 3330 | 90 | | (x) | | x | x |
| F | 6 | 3980 | 108 | x | | | x | x |

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

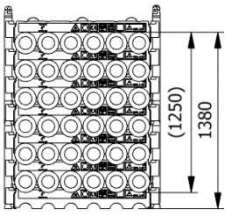
All sketch dimensions in mm

**SINGLE SYSTEM (18 JOINTS)**



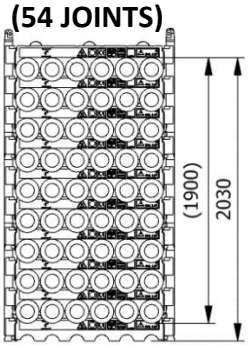

**A**

**2 SYSTEMS STACKED (36 JOINTS)**



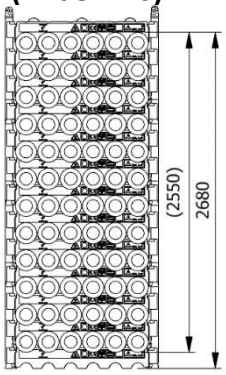

**B**

**3 SYSTEMS STACKED (54 JOINTS)**



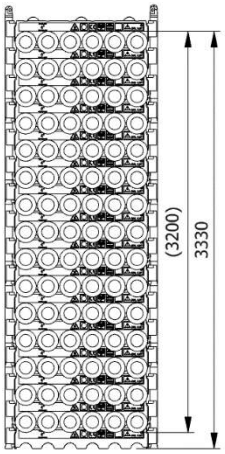

**C**

**4 SYSTEMS STACKED (72 JOINTS)**



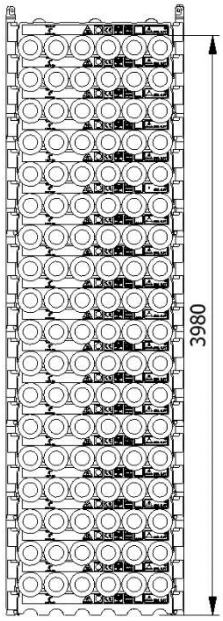

**D**

**5 SYSTEMS STACKED (90 JOINTS)**




**E**

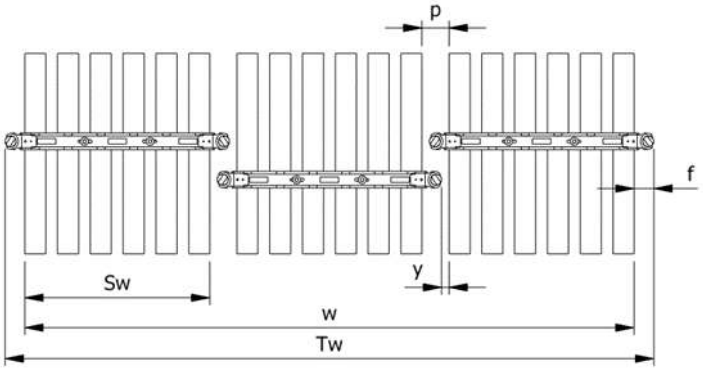
**6 SYSTEMS STACKED (108 JOINTS)**




**F**

## Spacing

| Status | $w$ (width)<br>$n$ (number of rows) | $S_w$(system width) | $k$(constant) | y(info) | p(info) | $T_w$(total width) | $f$(constant) |
|---|---|---|---|---|---|---|---|
| **Storages** | $w = S_w + k \cdot (n-1)$ | 990 | 1100 | 0 | 110 | $T_w = w + 2f$ | 110 |
| **Running on rig** | $w = S_w + k \cdot (n-1)$ | 990 | 1140 | 40 | 150 | $T_w = w + 2f$ | 110 |




Example: Top view of Systems

Example:
Spacing of 3 systems

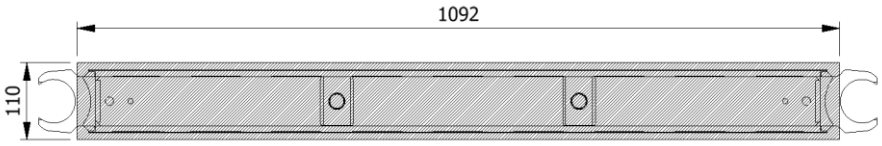
$$w = S_w + k \cdot (n-1) = 990 + 1100 \cdot (3-1) = 3190mm$$
$$T_W = w + 2f = 3190 + 2 \cdot 110 = 3410\ mm$$

The width "w" for spacing of systems is 3190mm from the first pipe to the last and the total width "$T_w$" is 3410mm 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 $kN/m^2$ | 809,9 $kN/m^2$ | 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 $kN/m^2$ |