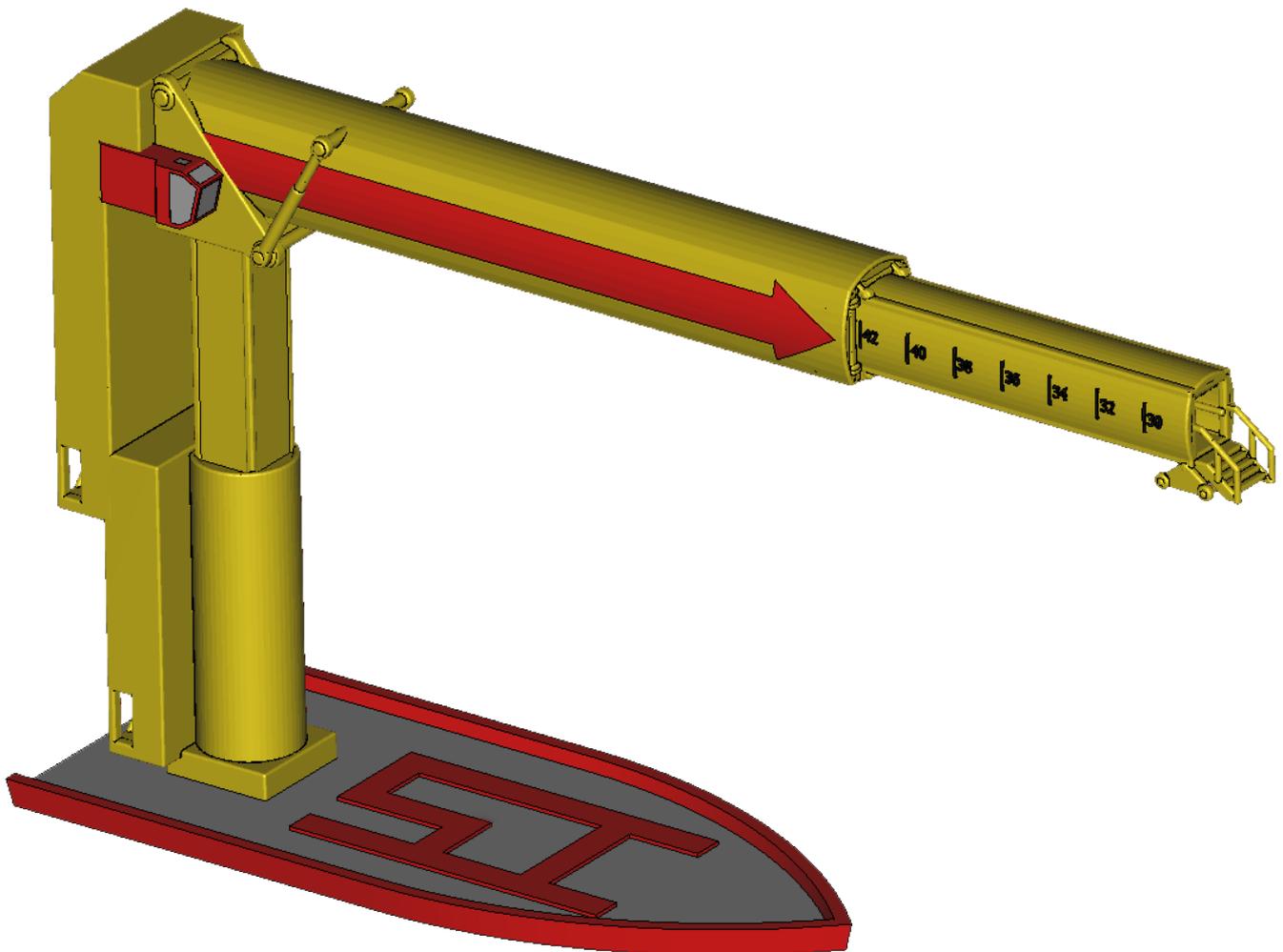




STOUCO PROGRAM

GANGWAY

2014



Stouco Consultance BV
Gaardedreef 27
2723AK Zoetermeer
The Netherlands



2014.10.1 PAB

Nr.10.1 **Group product**
10 Passenger Access Bridges

Information

In our 16 pages sheets regarding Personnel Handling Systems, reference 10-PHS you can read that ST has a wide program for transferring or handling of Personnel including:

- 1) - Gangway = Transferring / Handling / Evacuation of personnel.
- 2) - PAB = Personnel Access Bridges.
- 3) - DSA = Dock Side Staggering Arm.
- 4) - CP = Cherry Picker, for High and/or Under-slung working.
- 5) - MWB = Man Work Basket, operating from Drill-floor to Monkey board.
- 6) - VWP = Variable Working Platform, can be move Up/Down within Derrick
- 7) - Q-Tower = Tower mounted on quay, transferring crew to and from moored Tanker. see 38
- 8) - FF-Tower = Fire Fighting Tower on standby / work Semi.
- 9) - HW = High worker with track, see item 63.
- 10) - Diving = Diver Cage / Open Wet-Bell / Enclosed SAT bell .item 11.

Transferring mode:

- 1) - From a floating object to a fixed platform
 - 2) - From the Bow of a ship to a fixed platform
 - 3) - From Bow an Side from Catamaran to fixed platform.
 - 4) - From a fixed object to a floating object.
 - 5) - From a quay mounted traveling type PAB to a Ferry
- Operating angle of a ST gangway can elevate up to + 20 degr. with a 4 degr. tolerance and elevate down angle of - 15 degr. with 2 degr. tolerance, all angles with the horizon.

Total length of gangway has been delivered, with one main gangway and one or two extensions.

Minimum gangway (end) clear openings are 1200-1500-1800 mm and heights of 2100-2300-2400 mm.

Floor Loadings on both parts of gangway is 150 m2 and tested with 250 kg/m2 when both ends are supported.

When the end dropped off, the gangway is limited to 500 mm free fall.

Our NEW 2013 PAB is designed from having a much better approach to the operators , the PAB13 comprise:

- 1) - Totally enclosed over 4 sides.
- 2) - Totally enclosed Stair housing with a entrance and exit openings .
- 3) - Crew not exposed to open weather, wind, rain etc.
- 4) - Crew will feel better by do not see any heights.
- 5) - Control at two locations + wireless control.

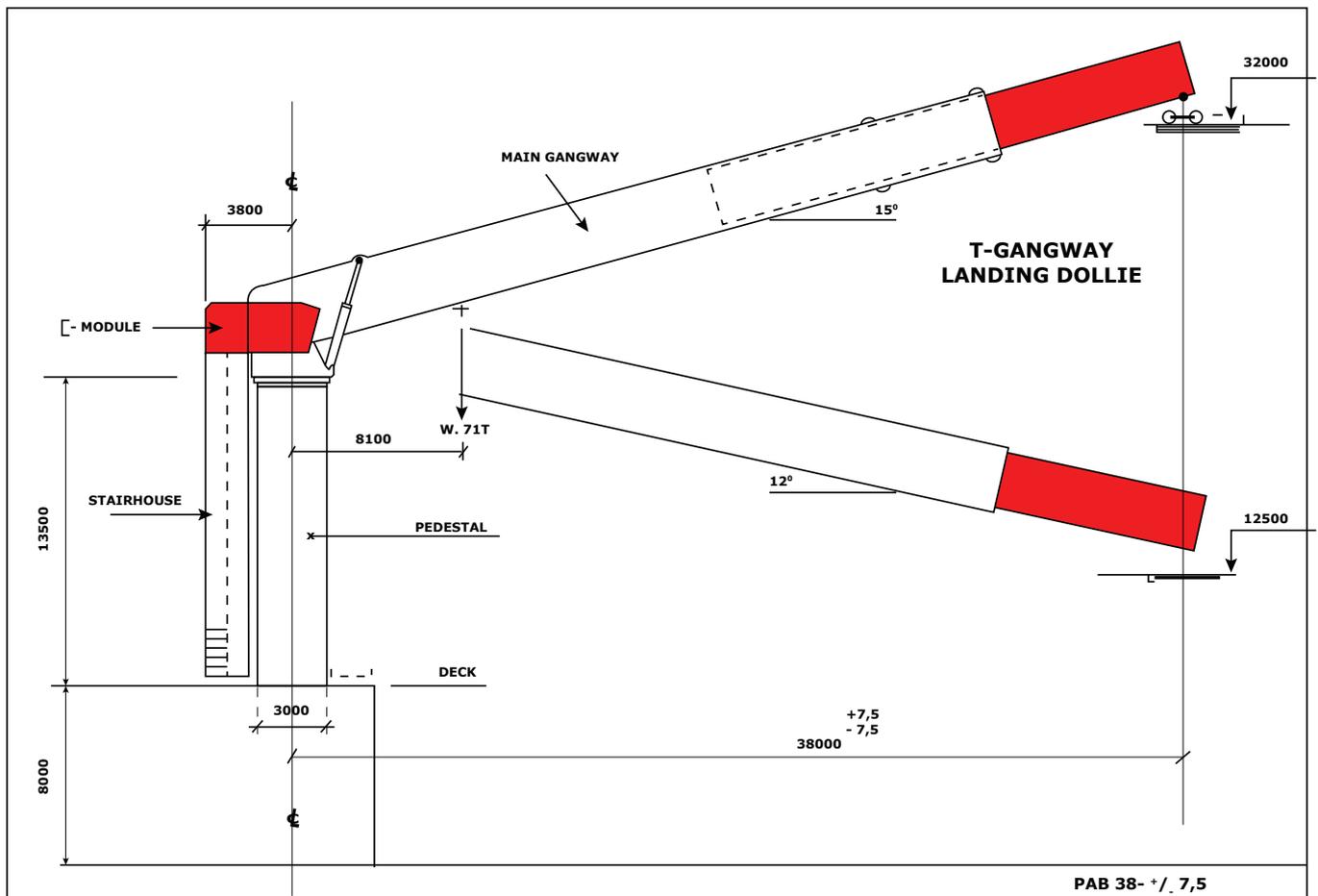
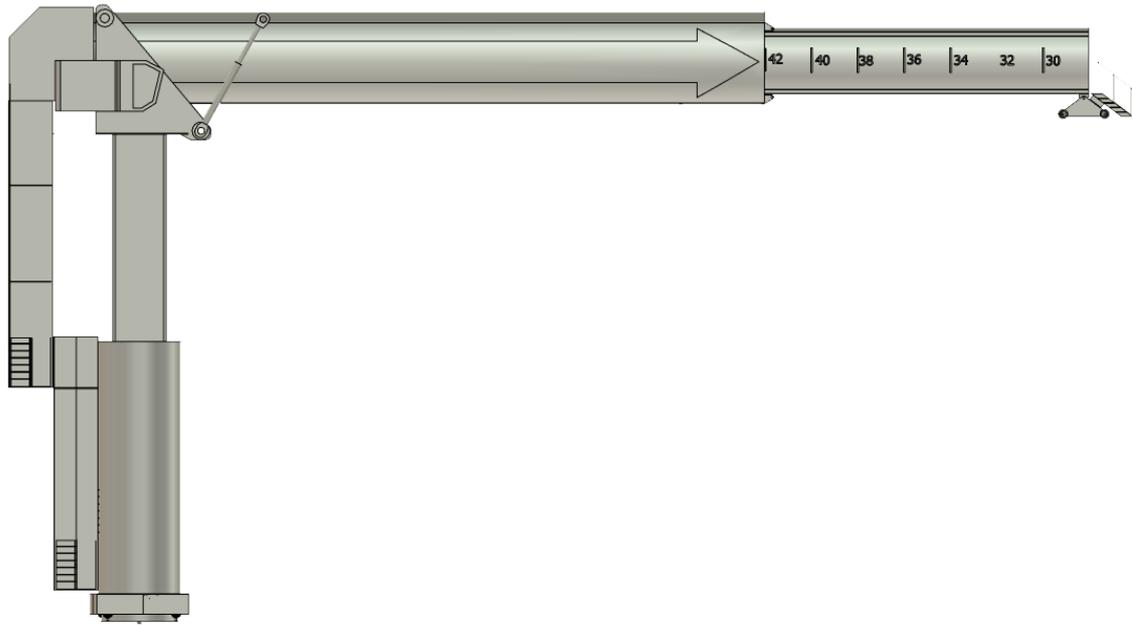


PAB features : A wide range of optionals can be offered, including:

- 1)** - Emergency Lift UP system.
- 2)** - Traffic lights, in Stair house & Gangway.
- 3)** - Sensors (Failsafe) for each mode.
- 4)** - Lifting Sling for handling of package .
- 5)** - Conveyor Belt on top gangway.
- 6)** - Twin Electro / Hydraulic Power pack, 50% redundance.
- 7)** - All E-parts in Hazourd zone II, Atex-Baseefa
- 8)** - U-Module ,one unit with integrated Cabin /Seats /HPU.
- 9)** - Service platform on top U-module.
- 10)** - Hand railing on top with walkway .
- 11)** - VHF equipment.
- 12)** - Gas / Fire detection.
- 13)** - Black-box for operating mistakes .
- 14)** - Smoke detector.
- 15)** - Transfer lines for: Diesel fuel / lub.oil / Fresh water / Kerosine / Mud Kill and Choke Lines / Electric cable
- 16)** - Besides our incl.Free Floating switch, AMC system can binstalled .
- 17)** - STS systems on request, see our group 65.

In particular we like to mentioned our nr.03-St.PST.5-412-DH which is a travelling model, very popular on small quays, the PST can travel Forwards /Reverse ,Bend in all Directions, can travel with half speed in side wards direction all by the four wheel driven and only ONE control stick in the Cabin. (see our model ST-Ilon wheel). This PST will take care on your cruise trip.





DRW. 10-3010

STOUCO CONSULTANCE

Gaardedreef 27 • 2723AK Zoetermeer • The Netherlands

Tel : 0031 (0)79 3317923 • Email : johnstouten@ziggo.nl

Chamber of commerce: 2714 3933

www.stubitec.com • www.stubitec.nl