

# DOP DREDGER 350L

## PICTURE OF SIMILAR VESSEL

### GENERAL

|                 |   |
|-----------------|---|
| Type            | DD 350L                                 |
| Basic functions | Capital mining and maintenance dredging |

### DREDGING FEATURES

|                       |                         |
|-----------------------|-------------------------|
| Max. dredging depth   | -20m                    |
| Max. mixture capacity | 2,400 m <sup>3</sup> /h |
| Max. total head       | 3.2 bar                 |

### DREDGE INSTALLATION

|                                 |                                  |
|---------------------------------|----------------------------------|
| Dredge pump type                | BP3530LD                         |
| Max. power at pump shaft        | 240 kW                           |
| Diameter suction/discharge pipe | 350 mm                           |
| Spherical passage pump          | 200 mm                           |
| Cutter type                     | Crown model (with serrated edge) |
| Cutter power                    | 47 kW                            |
| Cutter diameter                 | 1030 mm                          |

### HYDRAULIC POWER PACK

|                         |                                     |
|-------------------------|-------------------------------------|
| Hydraulic flow max.     | 738 L/min                           |
| Hydraulic pressure max. | 275 bar                             |
| Hydraulic installation  | Driving DOP350L, cutter and winches |

### PRINCIPAL DIMENSIONS

|                      |         |
|----------------------|---------|
| Length o.a.          | 31.60 m |
| Length over pontoons | 23.40 m |
| Beam o.a.            | 7.35 m  |
| Depth                | 1.80 m  |
| Draught              | 1.30 m  |
| Air draught          | 5.90 m  |
| Total weight         | 72 tons |

### TANK CAPACITIES

|                  |                     |
|------------------|---------------------|
| Fuel oil approx. | 5.00 m <sup>3</sup> |
|------------------|---------------------|

### DECK MACHINERY

|                          |                              |
|--------------------------|------------------------------|
| Hoisting winch           | Hydraulic, 80 kN, 0-15 m/min |
| Maneuvering winches (4x) | Hydraulic, 50 kN, 0-15 m/min |

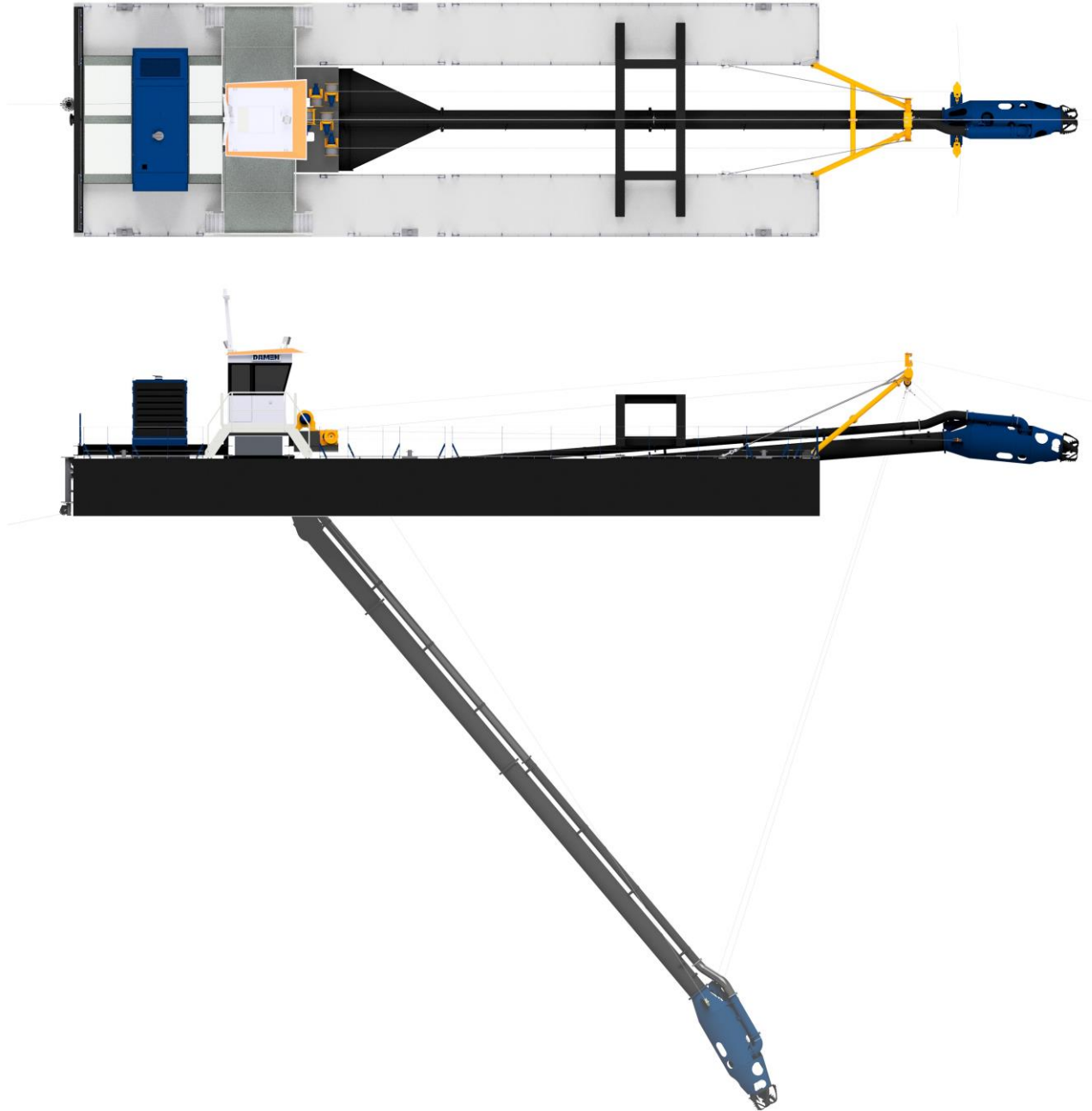
### INSTRUMENTATION

|   |  |
|---|--|
| Dredging depth indicator                      |  |
| Vacuum and pressure indication of dredge pump |  |

### REMARKABLE FEATURES

- Dismountable design which allows transport by road
- Spacious ergonomic designed control cabin
- One operator can control the entire dredger from the control cabin
- Transportable in standard Open Top Containers

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