### GENERAL
- **YARD NO.** B12.0490
- **TYPE** W-CSD250
- **DELIVERY DATE** July 2013
- **BASIC FUNCTIONS** Maintenance dredging

### DREDGING FEATURES
- **DREDGING DEPTH** -6 m
- **MAXIMUM SWING WIDTH** 28 m
- **MIXTURE CAPACITY** 1,000 m³/h

### DREDGE INSTALLATION
- **DREDGE PUMP TYPE** BP2525MD
- **DIAM. SUCTION/DISCHARGE PIPE** 250/250 mm
- **CUTTER TYPE** 5-950 (plain edge)
- **CUTTER POWER** 30 kW

### ENGINE INSTALLATION
- **DREDGE PUMP MAIN DIESEL**
- **CONTINUOUS POWER RATING** 254 kW @ 1800 rpm
- **HYDRAULIC INSTALLATION**
- **ELECTRICAL INSTALLATION**
- **CATERPILLAR C12 TA**
- **24 V DC and 230/400 V AC, 17 kVA**

### PRINCIPAL DIMENSIONS
- **LENGTH O.A. INCL. LADDER** 31.90 m
- **LENGTH OVER PONTOON** 11.50 m
- **BEAM** 7.00 m
- **DRAUGHT** 1.00 m
- **AIR DRAUGHT** 1.50 m
- **TOTAL WEIGHT** 58 ton

### TANK CAPACITIES
- **FUEL OIL APPROX** 4.9 m³
- **BALLAST WATER (FORE AND AFT)** 5.0 m³ (4x)
- **HYDRAULIC OIL** 1.0 m³

### DECK MACHINERY
- **LADDER SWING (2X)**
- **LADDER HOISTING (1X)**
- **SPUD HOISTING (4X)**
- **SPUD CARRIAGE (4X)**
- **SPUD TILTING (4X)**
- **DECK CRANE (1X)**
- **RUBBERRING GATE VALVE (1X)**

### DREDGING INSTRUMENTATION
- Dredging depth and swing indicator
- Vacuum and pressure indication of dredge pump
- Velocity measurement

### REMARKABLE FEATURES
- Dismountable design
- Transportable by road
- Very small air draught
- Large swing width
- Autonomous movement on land
- Sound insulated
- Operators cabin with air conditioning

### OWNER
- Verboon Maasland, The Netherlands
DAMEN WALKING CUTTER SUCTION DREDGER 250
"SUSANNA II"