

## Standard Machine Configuration

List Price US\$

## ► SENNEBOGEN 850 M "E" series

\$ 1,460,890

## Engine

- Cummins X12 diesel engine (6 cylinder) with direct injection, water cooled (meets TIER 4f emission)
- Engine output 350 HP (261 kW) @ 1,800 rpm
- Turbo intercooler direct driven
- Water cooler hydraulically driven, reversible
- Automatic idle-stop control and eco-mode for diesel engine

## Hydraulic System

- Computer free, state-of-the-art load-sensing with flow-on-demand control
- Hydraulic cooler hydraulically driven reversible
- Hydro-Clean filtration system with water absorption and contamination indicator

## Upper Carriage &amp; Swing System

- Torsion free, precisely machined upper carriage frame
- High torque axial piston swing motor
- Large dimensioned, external teeth swing bearing with removable protection cover
- Automatic central lubrication system for upper carriage
- Manual pinion lubrication system for swing bearing
- Handrail on top of upper carriage
- Fire extinguisher set (1x cab, 1x storage compartment) - brackets installed, extinguisher shipped separate to dealer
- Light Package consisting of: 2x halogen in cab roof, 2x in frame

## Operator's Cab "maXCab"

- Hydraulic elevating cab system "E270" (elevation: 8'8")
- Catwalk with handrail beside cab
- "maXCab" with sliding door and door window as sliding window, sunshade, floor mat
- Skylight of bullet proof glass
- Windshield of bullet proof glass (fixed / no tilt out)
- Front & top cab protection guard
- Automatic climate control with AC, heater and defroster
- AM/FM radio with MP3/Bluetooth
- SENCON visual and acoustic diagnostic system for monitoring all essential machine functions
- Air suspended and adjustable operator's seat incl. armrests, seat heater, headrest, seat belt
- Camera system with display in cab (1x to rear, 1x to right side)
- LED light package on cab, rear
- Strobe light mounted on cab
- Operator's & Maintenance manual incl. hydraulic & electric schematics (1x print / 1x digital)
- Spare Parts catalogue (1x print / 1x digital)

## Working Equipment

- K17 - reach 55'9" / purpose built material handling working equipment
- Straight boom, with end stop monitoring system and limit switches
- Straight stick, with end stop monitoring system and limit switches
- Boom & Stick cylinders equipped with safety check valves and end position dumping
- Light Package consisting of: 1x at boom, 2x at stick
- Attachment open/close and rotate hydraulic circuits and lines installed up to the end of the stick (ball valves)

## Under Carriage

- Rubber tired under carriage MP50E with 4-point outriggers
- Individual control of 4-point outriggers
- Automatic unlock of oscillating axle if upper carriage in longitudinal direction to under carriage
- Solid rubber tires 14.00-24 (8 units)
- Steering via joy stick, front wheel steering
- All wheel drive via two variable hydraulic motors direct mounted on each axle
- Protection guard for hydraulic drive motors
- 2-circuit servo brake system with additional safety brake
- Centralized lubrication points (front & rear) for lubrication of under carriage components
- Audible travel alarm while driving machine (forward & backward)
- Tool box w/ basic tools, stick pin, grease gun, wheel chock, green & gray touch up paint located in under carriage tool box

## Magnet System

- 25 kW Baldor generator, hydraulic driven with Hubbell controller \$ 55,930
- Plug in front of stick to hook up magnet, magnet connection cable in under carriage tool box

## DEALER LIST PRICE (ex east coast port or storage location)

\$ 1,516,820

## Delivery Surcharge:

shipments gulf coast port, e.g. Galveston, TX or Veracruz, Mexico (dealer net)

\$ 11,310

shipments west coast port, e.g. Port Hueneme, CA or Tacoma, WA (dealer net)

\$ 30,420

**Optional Machine Equipment** (\*\*Option shown is only available as a new factory installation - US retrofit is not possible)

Magnet Suspensions (ex Stanley, NC)	
▶ Magnet suspension link inclusive shackle	\$ 4,650
Orange Peel Grapples (terms see attachment price list)	
▶ SENNEBOGEN orange peel grapple, 1.50 yd3, 4 tine, semi-closed, OP4-150SEN-S-RT1002 (incl. hanger & hoses)	\$ 62,930
▶ SENNEBOGEN orange peel grapple, 2.00 yd3, 4 tine, semi-closed, OP4-200SEN-S-RT1002 (incl. hanger & hoses)	\$ 65,210
▶ SENNEBOGEN orange peel grapple, 2.50 yd3, 4 tine, semi-closed, OP4-250SEN-S-RT1002 (incl. hanger & hoses)	\$ 73,110
▶ SENNEBOGEN orange peel grapple, 1.44 yd3, 5 tine, semi-closed, OP5-110SEN-S-RT1002 (incl. hanger & hoses)	\$ 69,560
▶ SENNEBOGEN orange peel grapple, 1.83 yd3, 5 tine, semi-closed, OP5-140SEN-S-RT1002 (incl. hanger & hoses)	\$ 72,690
Engine	
▶ Electric refueling pump with level shut-off	\$ 2,660
▶ <b>**Cummins QSM11 diesel engine (6 cylinder) with direct injection, water cooled (TIER 3 emission)</b>	deduct \$ (29,400)
Hydraulic System	
▶ Bio degradable hydraulic oil instead of standard hydraulic oil (PANOLIN HLP Synth 46)	\$ 14,980
Operator's Cab "maXCab"	
▶ <b>**Hydraulic elevating cab system "E300/260" (elevation: up 9'10" &amp; out 8'6")</b>	\$ 35,760
▶ <b>**"maXCab" industry with bullet proof windshield (1.2") and skylight (0.8"), no tilt out for windshield</b>	\$ 12,410
▶ <b>**Fixed cab elevation system "E150" (Box style - elevation: 4'11") Hydraulically tilting for transport / incl. catwalk beside cab</b>	\$ 12,930
▶ <b>**Fixed cab elevation system "E200" (Box style - elevation: 6'6") Hydraulically tilting for transport / incl. catwalk beside cab</b>	\$ 20,310
▶ Right, left and door window of shatter-proof lexan (polycarbonate)	\$ 3,630
▶ Windshield Wiper for lower glass	\$ 1,550
▶ Additional Camera; please define location (in addition to existing cameras, maximum of 4 total possible)	\$ 1,160
▶ French operator's manual, maintenance manual & spare parts catalogue (1x print / 1x digital)	\$ 1,180
▶ Spanish operator's manual, maintenance manual & spare parts catalogue (1x print / 1x digital)	\$ 1,180
Working Equipment	
▶ K19 - reach 62' / straight boom / straight stick (ball valves)	\$ 23,140
▶ B17 - reach 55'9" / bent boom / straight stick (ball valves)	\$ 24,500
▶ B19 - reach 62'4" / bent boom / straight stick (ball valves)	\$ 65,900
▶ <b>**Boom floating device (recommended for barge unloading - note: the boom will raise when the grapple closes)</b>	\$ 4,670
Low Temperature	
▶ Low temperature package consisting of: > electric pre-heating engine block > electric pre-heating hydraulic tank > electric pre-heating water separator > one plug 110 V outside of machine	\$ 12,560