

## Standard Machine Configuration

List Price US\$

## ► SENNEBOGEN 850 R-HD "E" series

\$ 1,435,780

## 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

- Crawler under carriage R73/420 with mechanically adjustable tracks
- Maintenance free crawler B7 with hydraulic chain tension device
- Steering via joy stick
- Triple grouser track shoes (canted), width 31.5" / 800 mm
- Independently operated tracks driven by integrated axial piston motor via planetary gear
- Safety parking break with spring-loaded, hydraulic multiple disc brake
- Audible travel alarm while driving machine (forward & backward)

## Magnet System

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

\$ 55,930

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

\$ 1,491,710

## Delivery Surcharge:

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

\$ 10,370

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

\$ 27,880

**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 \$	<b>(29,400)</b>
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>	\$	<b>35,760</b>
▶ <b>***"maXCab" industry with bullet proof windshield (1.2") and skylight (0.8"), no tilt out for windshield</b>	\$	<b>12,410</b>
▶ <b>**Fixed cab elevation system "E150" (Box style - elevation: 4'11") Hydraulically tilting for transport / incl. catwalk beside cab</b>	\$	<b>12,930</b>
▶ <b>**Fixed cab elevation system "E200" (Box style - elevation: 6'6") Hydraulically tilting for transport / incl. catwalk beside cab</b>	\$	<b>20,310</b>
▶ 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>	\$	<b>4,670</b>
Low Temperature		
▶ Low temperature package consisting of:	\$	12,560
> electric pre-heating engine block		
> electric pre-heating hydraulic tank		
> electric pre-heating water separator		
> one plug 110 V outside of machine		