

## Standard Machine Configuration

List Price US\$

## ► SENNEBOGEN 840 M-HD-S "E" series

\$ 1,049,270

## Engine

- Cummins L9 diesel engine (6 cylinder) with direct injection, water cooled (TIER 4f emission)
- Engine output 310 HP (231 kW) @ 2,000 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
- Operator's & Maintenance manual incl. hydraulic & electric schematics (1x print / 1x digital)
- Spare Parts catalogue (1x print / 1x digital)

## Working Equipment

- K17 - reach 56'6" / purpose built material handling working equipment
- straight boom 34'9", with end stop monitoring system and limit switches
- straight stick 23'4", 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 MP42E with bended 4-point outriggers
- Individual control of 4-point outriggers
- Automatic unlock of oscillating axle if upper carriage in longitudinal direction to under carriage
- Single pneumatic tires 18.00-25 (4 units)
- Steering via joy stick, front wheel steering
- All wheel drive via two variable hydraulic motors direct mounted on each axle
- Mounting plate and hydraulic circuit to operate a hydraulic hitch
- 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
- Plug in front of stick to hook up magnet, magnet connection cable in under carriage tool box

\$ 48,390

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

\$ 1,097,660

## Delivery Surcharge:

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

\$ 7,360

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

\$ 13,150

**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	\$	4,010
Orange Peel Grapples (terms see attachment price list)		
▶ SENNEBOGEN orange peel grapple, 1.00 yd3, 4 tine, semi-closed, OP4-100SEN-S-RT502 (incl. hanger & hoses)	\$	45,480
▶ SENNEBOGEN orange peel grapple, 1.25 yd3, 4 tine, semi-closed, OP4-125SEN-S-RT502 (incl. hanger & hoses)	\$	47,850
▶ SENNEBOGEN orange peel grapple, 1.50 yd3, 4 tine, semi-closed, OP4-150SEN-S-RT502 (incl. hanger & hoses)	\$	49,060
▶ SENNEBOGEN orange peel grapple, 1.50 yd3, 4 tine, semi-closed, OP4-150SEN-S-RT1002 (incl. hanger & hoses)	\$	54,780
▶ SENNEBOGEN orange peel grapple, 1.05 yd3, 5 tine, semi-closed, OP5-080SEN-S-RT502 (incl. hanger & hoses)	\$	51,470
▶ SENNEBOGEN orange peel grapple, 1.18 yd3, 5 tine, semi-closed, OP5-090SEN-S-RT502 (incl. hanger & hoses)	\$	53,460
Live and Dead Heels (for logging applications)		
▶ **Dead heel HD-45SEN kit in combination with ULS (incl. heel, pins), dealer installation	\$	7,760
▶ **Live heel HWG-45SEN kit in combination with ULS (incl. cylinder, heel, hoses   excl. hydraulics), dealer installation	\$	36,030
Engine		
▶ Electric refueling pump with level shut-off	\$	2,290
▶ **Cummins QSL9 diesel engine (6 cylinder) with direct injection, water cooled (TIER 3 emission) not valid for USA	deduct \$	(23,090)
Hydraulic System		
▶ Bio degradable hydraulic oil instead of standard hydraulic oil (PANOLIN HLP Synth 46)	\$	8,280
▶ **Live heel hydraulic including hydraulic, controls and hoses to boom head	\$	10,920
▶ **Butt'n top grapple controls & hydraulics		on request
Operator's Cab "maXCab"		
▶ **Hydraulic elevating cab system "E300/260" (elevation: up 9'10" & out 8'6")	\$	30,940
▶ **Sennebogen Forestry cab - special baseplate required, must be ordered without a standard cab(dealer installation)	\$	54,220
▶ **Delivery without a standard cab but with baseplate for Forestry cab	deduct \$	(4,600)
▶ ***maXCab" industry with bullet proof windshield (1.2") and skylight (0.8"), no tilt out for windshield	\$	10,730
▶ **Fixed cab elevation system "E150" (Box style - elevation: 4'11") Hydraulically tilting for transport / incl. catwalk beside cab	\$	11,180
▶ **Fixed cab elevation system "E200" (Box style - elevation: 6'6") Hydraulically tilting for transport / incl. catwalk beside cab	\$	17,570
▶ Right, left and door window of shatter-proof lexan (polycarbonate)	\$	3,130
▶ Windshield Wiper for lower glass	\$	1,330
▶ Strobe light mounted on cab	\$	890
▶ Additional Camera; please define location (in addition to existing cameras, maximum of 4 total possible)	\$	1,000
▶ French operator's manual, maintenance manual & spare parts catalogue (1x print / 1x digital)	\$	1,010
▶ Spanish operator's manual, maintenance manual & spare parts catalogue (1x print / 1x digital)	\$	1,010
Working Equipment		
▶ K18 - reach 59'3" / straight boom 34'9" / straight stick 26'3" (ball valves)	\$	23,100
▶ K19 - reach 62'8" / straight boom 38'5" / straight stick 26'3" (ball valves)	\$	26,300
▶ B18 - reach 59' / bended banana boom 36'1" / straight stick 26'3" (ball valves)	\$	34,540
▶ **K16 ULS - straight boom / straight universal logging stick (for heel applications, for live heel please add hydraulics & heel)	\$	22,470
▶ Stick cylinder protection guards	\$	8,710
▶ **Boom floating device (recommended for barge unloading - note: the boom will raise when the grapple closes)	\$	4,030
Under Carriage		
▶ **Steering via steering wheel (instead of joystick steering)	deduct \$	(380)
▶ **Trailer hitch with hydraulic cylinder (mounted on rear of machine)	\$	3,880
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	\$	10,230