

Standard Machine Configuration		List Price US\$
► SENNEBOGEN 850 M "E" series	\$	1,264,170
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 & 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 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 ► 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)		\$ 1,312,560
<u>Delivery Surcharge:</u>		
shipments gulf coast port, e.g. Galveston, TX or Veracruz, Mexico (dealer net)	\$	8,720
shipments west coast port, e.g. Port Hueneme, CA or Tacoma, WA (dealer net)	\$	23,470

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, 1.50 yd3, 4 tine, semi-closed, OP4-150SEN-S-RT1002 (incl. hanger & hoses)	\$	54,780
▶ SENNEBOGEN orange peel grapple, 2.00 yd3, 4 tine, semi-closed, OP4-200SEN-S-RT1002 (incl. hanger & hoses)	\$	56,830
▶ SENNEBOGEN orange peel grapple, 2.50 yd3, 4 tine, semi-closed, OP4-250SEN-S-RT1002 (incl. hanger & hoses)	\$	64,320
▶ SENNEBOGEN orange peel grapple, 1.44 yd3, 5 tine, semi-closed, OP5-110SEN-S-RT1002 (incl. hanger & hoses)	\$	60,510
▶ SENNEBOGEN orange peel grapple, 1.83 yd3, 5 tine, semi-closed, OP5-140SEN-S-RT1002 (incl. hanger & hoses)	\$	63,300
Engine		
▶ Electric refueling pump with level shut-off	\$	2,290
▶ **Cummins QSM11 diesel engine (6 cylinder) with direct injection, water cooled (TIER 3 emission)	deduct \$	(29,400)
Hydraulic System		
▶ Bio degradable hydraulic oil instead of standard hydraulic oil (PANOLIN HLP Synth 46)	\$	12,960
Operator's Cab "maXCab"		
▶ **Hydraulic elevating cab system "E300/260" (elevation: up 9'10" & out 8'6")	\$	30,940
▶ **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		
▶ K19 - reach 62' / straight boom / straight stick (ball valves)	\$	20,010
▶ B17 - reach 55'9" / bent boom / straight stick (ball valves)	\$	21,190
▶ B19 - reach 62'4" / bent boom / straight stick (ball valves)	\$	57,010
▶ **Boom floating device (recommended for barge unloading - note: the boom will raise when the grapple closes)	\$	4,030
Low Temperature		
▶ Low temperature package consisting of:	\$	10,860
> electric pre-heating engine block		
> electric pre-heating hydraulic tank		
> electric pre-heating water separator		
> one plug 110 V outside of machine		