

## Standard Machine Configuration

List Price US\$

► <b>SENNEBOGEN 835 M "E" series</b>	\$	778,210
<b>Engine</b>		
► 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		
<b>Hydraulic System</b>		
► 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		
<b>Upper Carriage &amp; Swing System</b>		
► 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		
<b>Operator's Cab "maXCab"</b>		
► 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)		
<b>Working Equipment</b>		
► K16 - reach 51'6" / purpose built material handling working equipment ► straight material handling boom 29'10", with end stop monitoring system and limit switches ► straight material handling stick 22'8", 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)		
<b>Under Carriage</b>		
► Rubber tired under carriage MP41E with 4-point outriggers ► Automatic unlock of oscillating axle if upper carriage in longitudinal direction to under carriage ► Solid rubber tires 12.00-24 (8 units) inclusive intermediate protection ring ► Steering via joy stick, front wheel steering ► All wheel drive via variable hydraulic motor with 2-stage shift gear ► Protection guard for under carriage to protect gear box, hydraulic motor and drive shafts ► 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		
<b>Magnet System</b>		
► 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
<b>DEALER LIST PRICE</b> (ex east coast port or storage location)	\$	826,600
<b>Delivery Surcharge:</b>		
shipments gulf coast port, e.g. Galveston, TX or Veracruz, Mexico (dealer net)	\$	4,520
shipments west coast port, e.g. Port Hueneme, CA or Tacoma, WA (dealer net)	\$	9,010

**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
Engine		
▶ Electric refueling pump with level shut-off	\$	2,290
▶ <b>**Cummins QSL9 diesel engine (6 cylinder) with direct injection, water cooled (TIER 3 emission) not valid for USA</b>	deduct \$	(23,090)
Hydraulic System		
▶ Bio degradable hydraulic oil instead of standard hydraulic oil (PANOLIN HLP Synth 46)	\$	8,280
Operator's Cab "maXCab"		
▶ <b>**Hydraulic elevating cab system "E300/260" (elevation: up 9'10" &amp; out 8'6")</b>	\$	30,940
▶ <b>***maXCab" industry with bullet proof windshield (1.2") and skylight (0.8"), no tilt out for windshield</b>	\$	10,730
▶ <b>**Fixed cab elevation system "E150" (Box style - elevation: 4'11") Hydraulically tilting for transport / incl. catwalk beside cab</b>	\$	11,180
▶ <b>**Fixed cab elevation system "E200" (Box style - elevation: 6'6") Hydraulically tilting for transport / incl. catwalk beside cab</b>	\$	17,570
▶ Right, left and door window of shatter-proof lexan (polycarbonate)	\$	3,130
▶ Strobe light mounted on cab	\$	890
▶ Windshield Wiper for lower glass	\$	1,330
▶ 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		
▶ <b>**K16 ULM - reach 50'11" / straight boom 29'10" / straight stick 21'8" incl. cylinder, linkage and hydraulics</b>	\$	34,750
▶ K18 - reach 57'8" / straight boom 33'2" / straight stick 25'11" (ball valves)	\$	19,520
▶ B18 - reach 58'6" / bended banana boom 35'5" / straight stick 25'11" (ball valves)	\$	37,420
▶ <b>**Boom floating device (recommended for barge unloading - note: the boom will raise when the grapple closes)</b>	\$	4,030
Under Carriage		
▶ Bent 4-point outriggers for increased ground clearance ( <u>attention</u> : wider transport width)	\$	16,400
▶ <b>**Steering via steering wheel (instead of joystick steering)</b>	deduct \$	(380)
▶ Individual control of 4-point outriggers	\$	7,600
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