Product Information: Crawler Excavator

R 960 SME

Litronic®



LIEBHERR

Experience the Progress R 960 SME - Super Mass Excavation

Safety

- Panoramic visibility with no obstructions, rear and side view monitoring cameras
- Retractable console for easy and safe access to the cab
- Emergency exit via the rear cab window, whatever the excavator's configuration
- Impact resistant windshield available as an option

Equipment

- Reinforced boom and sticks with protection on the inner face for a longer service life
- Larger diameter bucket and stick cylinders, with kinematic systems adapted to handle higher breakout and digging forces
- Different additional protection kits available as an option, for optimum adaptation to each specific application

Maintenance

- Maintenance points on the cool side of the engine
- Quick and easy cleaning and visual inspection
- Complementary radiators fitted on hinges
- Engine oil, hydraulic oil, fuel and urea (diesel exhaust fluid) levels visible on the display
- Shut-off valve to quickly and easily interrupt the circulation of oil between the tank and the hydraulic system





Comfort

- Spacious, air-conditioned work space
- Airsprung seat with vertical and longitudinal damping
- Userfriendly high resolution
 7" colour touchscreen
- New LED lighting as standard
- 3" orange belt

Engine

- New engine that conforms with the US EPA Tier 4 Final exhaust emissions standard
- Automatic engine idling/speed increase, controlled via joystick sensors

Undercarriage

- Higher category excavator undercarriage
- Double grouser, chamfered track pads as standard for heavy duty applications
- Dual-pivot carrier rollers for increased reliability and long-term durability
- Two-tooth sprocket for a longer service life

Technical Data

Liigille	
Rating	
per SAE J1349	335 HP (250 kW) at 1,800 rpm
per ISO 9249	340 HP (250 kW) at 1,800 rpm
Torque	2,280 Nm at 1,000 rpm / 1,682 lbf ft at 1,000 rpm
Model	Liebherr D936 A7
Туре	6 cylinder in-line
Bore	130 mm / 5.1 in
Stroke	150 mm / 5.9 in
Displacement	10.5 I / 641 in ³
Engine operation	4-stroke diesel
	Common-Rail, monoturbo
Exhaust gas treatment	Tier 4 Final
	SCR Filter
	Passive regeneration by thermo management
Cooling system	Water-cooled and integrated motor oil cooler, after-
	cooled and fuel cooled
Air cleaner	Dry-type air cleaner with pre-cleaner, primary and
	safety elements
Fuel tank	734 I / 194 gal
Urea tank	901/ 24 gal
Electrical system	
Voltage	24 V
Batteries	2 x 180 Ah/12 V
Starter	24 V/7.8 kW
Alternator	Three-phase current 28 V/140 A
Engine idling	Sensor controlled
Motor management	Connection to the integrated excavator system con-
	trolling via CAN-BUS to the economical utilisation of the
	service that is available

Hydraulic System

Hydraulic pumps	
For equipment and travel drive	Liebherr, variable displacement, swashplate double
	pump
Max. flow	2 x 380 l/min. / 2 x 100 gpm
Max. pressure	350 bar / 5,076 psi
For swing drive	Reversible, variable displacement, swashplate pump,
	closed-loop circuit
Max. flow	201 I/min. / 53 gpm
Max. pressure	375 bar / 5,439 psi
Pump regulation	Electro-hydraulic with electronic engine speed sensing
	regulation, pressure compensation, flow compensation
Hydraulic tank	380 I / 100 gal
Hydraulic system	743 I / 196 gal
Hydraulic oil filter	2 full flow filters in return line with integrated fine filter
	area (5 μm / 2,500 mesh)
Cooling system	Compact cooler for water cooler, after-cooler, fuel cooler
	and transmission pump oil, sandwiched with cooler for
	oil and condenser of air-conditioning with hydrostatically
	controlled fan drives
MODE selection	Adjustment of engine and hydraulic performance via a
	mode pre-selector to match application, e.g. for espe-
	cially economical and environmentally friendly operation
	or for maximum digging performance and heavy-duty
	jobs
RPM adjustment	Stepless adjustment of engine output via RPM at each
	selected mode
Tool Control	20 preadjustable pump flows and pressures for add-on
	attachments

Hydraulic Controls

9	d via the integrated excavator system technology, input and ated via the CAN-BUS with the electronic central unit
Power distribution	Via control valves in single block with integrated safety valves
Flow summation	To boom and stick
Closed-loop circuit	For uppercarriage swing drive
Servo circuit	
Equipment and swing	Proportional via joystick levers
Travel	 Proportional control via foot pedals or removable levers
	 Speed pre-selection
Additional functions	Proportional regulation via foot pedals or mini-joyetick

Swing Drive

Drive	Liebherr swashplate motor, shockless and antireaction
Transmission	Liebherr compact planetary reduction gears
Swing ring	Liebherr, sealed race ball bearing swing ring, internal
	teeth
Swing speed	0 – 5.8 rpm stepless
Swing torque	160 kNm / 118,010 lbf ft
Holding brake	Wet multi-disc (spring applied, pressure released)

Operator's Cab

Саь	Windscreen, totally or partially retractable (only upper part), under cab roof, LED work headlights integrated in the ceiling, a door with a sliding window (can be opened on both sides), large storing box and several stowing possibilities, shock-absorbing suspension, soundcamping insulating, tinted laminated safety glass, separate window shades for the sunroof window and windscreen, 12 V plug, storage bins, lunchbox, cup holder
Operator's seat	Liebherr-Comfort seat, airsprung with automatic weigh adjustment, vertical and longitudinal seat damping including consoles and joysticks. Seat and armrests adjustable separately and in combination (adjustable in width, height and inclination), seat heating as standard
Arm consoles Operation and displays	Oscillating consoles with seat, tiltable console left Large high-resolution operating unit, intuitive, color display with touchscreen, video-compatible, numerous setting, control and monitoring options, e.g. air con- ditioning control, fuel consumption, machine and attachment parameters
Air-conditioning	Automatic air-conditioning, recirculated air function, fast de-icing and demisting at the press of a button, air vents can be operated via a menu. Recirculated air and fresh air filters can be easily replaced and are accessible from the outside. Heating-cooling unit, designed for extreme outside temperatures, sensors for solar radiation, inside and outside temperatures
Noise emission	
ISO 6396	L _{pA} (inside cab) = 72 dB(A)
2000/14/EC	L _{WA} (surround noise) = 106 dB(A)

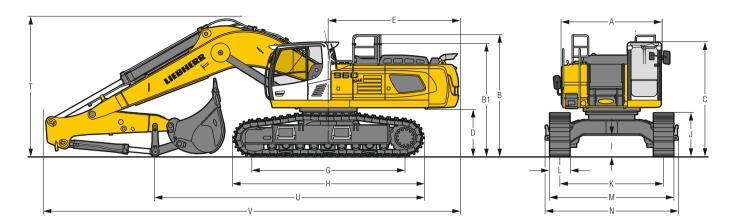
Undercarriage

S-HD	Gauge 3,100 mm / 10'2"
Drive	Liebherr swashplate motor with integrated brake valve
Transmission	Liebherr compact planetary reduction gear
Maximum travel speed	Low range 3.0 km/h / 1.9 mph
	High range 3.6 km/h / 2.2 mph
Drawbar pull on crawler	478 kN / 107,459 lbf
Track components	D8K, maintenance-free
Track rollers/Carrier rollers	9/2
Tracks	Sealed and greased
Track pads	Double grouser
Holding brake	Wet multi-disc (spring applied, pressure released)
Brake valves	Integrated into travel motor
Lashing eyes	Integrated

Equipment

Type	Combination of resistant steel plates and cast steel
	components
Hydraulic cylinders	Liebherr cylinders with seal and guidance systems
Bearings	Sealed, low maintenance
Lubrication	Automatic central lubrication system (except link and till
	geometry)
Hydraulic connections	Pipes and hoses equipped with SAE split-flange
	connections
Buckets	Standard equipped with Liebherr tooth system

Dimensions



		mm/ft in
Α	Uppercarriage width	2,970/ 9' 9"
В	Uppercarriage height	3,640/ 11'11"
B1	Uppercarriage height (handrails folded)	3,390/11' 1"
C	Cab height	3,420/3,615**/ 11' 3"/11'10"*
D	Counterweight ground clearance	1,440/ 4' 9"
E	Rear-end length	3,900/ 12'10"
G	Wheelbase	4,575/ 15'
Н	Undercarriage length	5,695/ 18' 9"
1	Undercarriage ground clearance	655/ 2' 2"
J	Track height	1,315/ 4' 4"
K	Track gauge	3,100/ 10' 2"
L	Track pad width	500/ 20" 600/ 24" 750/ 30"
M	Width over tracks	3,710/ 12' 2" 3,710/ 12' 2" 3,850/ 12' 8"
N	Width over steps	3,970/ 13' 3,970/ 13' 3,970/ 13'

^{*} with FOPS top guard

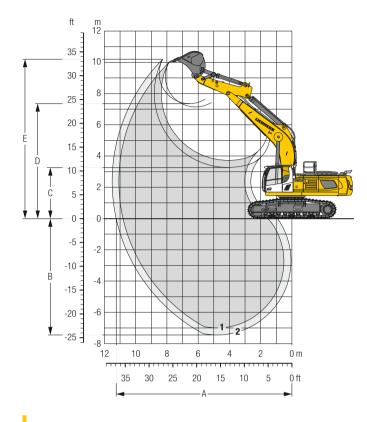
		Stick length m/ft in	Mono boom SME 6.70 m/22' direct mounting mm/ft in
T	Boom height	2.35/ 7'9" SME	4,200/ 13'9"
		2.80/9'2" SME	4,200/ 13'9"
U	Length on ground	2.35/ 7'9" SME	8,050/ 26'5"
		2.80/9'2" SME	7,500/ 24'7"
٧	Overall length	2.35/ 7'9" SME	12,400/ 40'8"
		2.80/9'2" SME	12,400/ 40'8"
	Bucket		3.25 m ³ / 4.25 yd³

Transport Dimensions removable elements disassembled

	Stick	Mono boom SME 6.70 m/22¹ mm			
	m				
Pad width		500/ 20"	600/ 24"	750/ 30"	
Transport width		3,970/ 13'	3,970/ 13'	3,970/ 13'	
Transport length		12,400/ 40'8"			
Transport height	2.35/ 7'9" SME	4,200/ 13'9"			
	2.80/ 9'2" SME	4,200/ 13'9"			
Bucket		3.25 m ³ / 4.25 yd ³			

Backhoe Bucket

with Mono Boom SME 6.70 m/221 and Counterweight 11.0 t/24,250 lb



Digging Envelope

without quick coupler		1	2
Stick length	m/ft in	2.35/ 7' 9"	2.80/9' 2"
		SME	SME
A Max. reach at ground level	m/ft in	10.80/ 35' 5"	11.25/36'11"
B Max. digging depth	m/ft in	7.00/ 23'	7.45/ 24' 5"
C Min. dumping height	m/ft in	3.70/ 12' 2"	3.25/ 10' 8"
D Max. dumping height	m/ft in	7.15/ 23' 5"	7.35/ 24' 1"
E Max. cutting height	m/ft in	10.00/32'10"	10.20/ 33' 6"

Forces

without quick coupler		1	2
Stick digging force (ISO 6015)	kN/ lbf	321/ 72,160	288/ 64,750
Bucket digging force (ISO 6015)	kN/lbf	350/ 78,680	350/ 78,680
Stick digging force (SAE J1179)	kN/ lbf	302/ 67,890	273/61,370
Bucket digging force (SAE J1179)	kN/ lbf	304/ 68,340	304/68,340

Operating Weight and Ground Pressure

The operating weight includes the basic machine with counterweight 11.0 t/24,250 lb, mono boom SME 6.70 m/22, stick SME 2.80 m/912n and bucket HD 3.25 m³/4.25 yd³ (3,400 kg/7,500 lb).

Undercarriage			S-HD	
Pad width	mm/in	500/ 20"	600/ 24"	750/ 30"
Weight	kg/ lb	60,000/132,280	60,700/ 133,820	61,650/ 135,920
Ground pressure	ka/cm²/ psi	1.21/17.2	1.02/14.5	0.83/11.8

Buckets Machine stability per ISO 10567* (75% of tipping capacity)

				county per ide reces. (re /e er appuing expansity)	
	Cutting width	Capacity ISO 7451	Weight	SME-Eq (with track par	lercarriage uipment ds 750 mm/30") th (m/ft in)
	mm	m ³	kg	2.35	2.80
	in	yd³	lb	7'9"	9'2"
	2,100	3.25	3,400	*	*
	83"	4.25	7,500	•	
HDıĵ	2,250	3.50	3,550	A	
보	87"	4.58	7,830	A	
	2,100	3.70	3,500	•	
	83"	4.84	7,720		
	1,950	3.00	3,800	A	A
	77"	3.92	8,380		_
HDV2)	2,100	3.25	4,000		
문	83"	4.25	8,820	•	
	2,100	3.50	4,200		
	83"	4.58	9,260		-

^{*} Indicated loads are based on ISO 10567, at maximum reach, and may be swung 360° on firm and even ground

 $\text{Max. material weight } \blacktriangle = \le 2.0 \text{ t/m}^3/\textbf{3,400 lb/yd}^3, \blacksquare = \le 1.8 \text{ t/m}^3/\textbf{3,000 lb/yd}^3, \blacksquare = \le 1.5 \text{ t/m}^3/\textbf{2,500 lb/yd}^3$

¹⁾ HD bucket with teeth Z 70 (appropriate for materials above classification 6, according to VOB, Section C, DIN 18300)

 $^{^{2)}}$ HDV bucket with teeth Z 70 (appropriate for materials above classification 6, according to VOB, Section C, DIN 18300) Other buckets available upon request

Lift Capacities with Mono Boom SME 6.70 m/22', Counterweight 11.0 t/24,250 lb and Track Pads 750 mm/30"

Т		-	2.0	١			0.0) m	-	F 100	0	0 m	Ι.		_			-	2.0	١	4.5		0.0	١	7	F	0	0			_
2	1 4	1) m) ft	4.5	om ift) m) ft		5 m 5 ft		0 m 0 ft				. 9	1 4	100	3.0 10		4.5 15) m) ft		5 m 5 ft		0 m 0 ft			
offin indi	₩ 6		5	Ŀ	5	Ŀ	5	 L	5	i di	5	<u>L</u>		<u>L</u>	m ft in	Under- carriage	\ *		<u>-</u> -	Ŀ		i d	5	ii.	5	_ 	3		5	<u>L</u>	f
	9.0 m	t											11.7*	11.7*	6.3		9.0 m	t											10.1*	10.1*	(
	30 ft	lb															30 ft	lb											22,5*	22,5*	
	7.5 m	t							11.0*	11.0*			11.0*	11.0*	7.6		7.5 m	t							10.1*	10.1*			9.2*	9.2*	
	25 ft	lb											24,4*	24,4*	24'8"		25 ft	lb							22,3*	22,3*			20,4*	20,4*	2
	6.0 m	t					12.5*	12.5*	11.1*	11.1*			10.8*	10.8*	8.5		6.0 m	t							10.5*	10.5*			8.9*	8.9*	
	20 ft	lb					27,1*	27,1*	24,3*	24,3*			23,9*	23,9*	27'8"		20 ft	lb							22,8*	22,8*			19,7*	19,7*	2
	4.5 m	t			20.5*	20.5*	14.4*	14.4*	11.9*	11.9*			10.4	10.8*	9.0		4.5 m	t			18.6*	18.6*	13.6*	13.6*	11.3*	11.3*	10.2*	10.2*	8.9*	8.9*	
	15 ft	lb			43,5*	43,5*	31,0*	31,0*	25,9*	25,9*			22,9	23,9*	29'6"		15 ft	lb			39,7*	39,7*	29,3*	29,3*	24,6*	24,6*	22,4	22,4*	19,7*	19,7*	3
	3.0 m	t					16.3*	16.3*	12.9*	12.9*	10.1	11.1*	9.7	11.0*	9.2		3.0 m	t					15.6*	15.6*	12.4*	12.4*	10.1	10.7*	9.1	9.2*	
	10 ft	lb					35,2*	35,2*	27,9*		21,7	24,3*	21,4	24,2*	30'4"	S-HD	10 ft	lb			42,3*	42,3*	33,7*	-	26,9*		21,7	23,3*	20,0	20,3*	1
	1.5 m	t					17.1	17.5*	12.6	13.6*	9.9	11.4*	9.6	11.2*	9.2	Ġ	1.5 m	t			13.9*	13.9*	17.1*	17.1*	12.6	13.3*	9.8	11.1*	8.9	9.8*	
L	5 ft	lb					36,9		27,2		21,2	24,8*	21,0	24,6*	30'2"		5 ft	lb					37,0*			28,8*		24,2*	19,6	21,6*	1
	0 m	t				20.3*	16.7	17.8*	12.3	13.9*			9.9	11.4*	8.9		0 m	t			23.3*	23.3*	16.7		12.3	13.8*	9.6	11.3*	9.1	10.8*	
	0 ft	lb				48,3*	36,1	,-	26,6	30,2*			21,7	25,2*	29'4"		0 ft	lb			_	52,7*	36,0	-	26,5	29,8*	20,8	24,4*	_	23,7*	1
	-1.5 m		19.8*	19.8*	22.2*	22.2*	16.7	17.2*	12.3	13.5*			10.8	11.7*	8.4		-1.5 m			20.2*	23.0*	23.0*	16.6			13.6*			9.9	11.0*	
-	-5 ft	_		45,3*	48,3*	48,3*	36,1	37,2*	26,6	29,1*				25,7*	27'5"		-5 ft	-	-			50,0*			26,3	29,4*				24,3*	-
	-3.0 m		24.2*			19.6*	15.4*	15.4*							7.4		-3.0 m			27.3*	20.8*		16.0*	16.0*	12.3*	12.3*			11.2*	11.2*	
_	-10 ft		52,9*	52,9*			33,2*	33,2*					25,8*		24'2"		-10 ft	-		59,4*	45,0*				26,4*	26,4*			24,7*		
	-4.5 m				15.0*	15.0*								11.0*	6.0		-4.5 m						12.7*						10.9*		
-	-15 ft	lb			32,0*	32,0*							24,2*	24,2*	19'2"		-15 ft	lb	46,5*	46,5*	36,0*	36,0*	26,9*	26,9*					24,0*	24,0*	2

The load values are quoted in tons (t)/lb x 1,000 at stick end (without bucket), and may be swung 360° on firm and even ground. Adjacent values are valid for the undercarriage when in the longitudinal position. Capacities are valid for 750 mm/30" wide track pads. Indicated loads are based on ISO 10567 standard and do not exceed 75% of tipping or 87% of hydraulic capacity (indicated via *). Without bucket cylinder, link and lever the lift capacities will increase by 950 kg/2,090 lb. Lifting capacity of the excavator is limited by machine stability and hydraulic capacity.

Serial Equipment

Undercarriage

Lashing eyes

Sprocket with dirt ejector

Track and carrier rollers, sealed and lifetime-lubricated

Travel motor housing protection

Undercarriage S-HD

Uppercarriage

Access platforms without protruding parts

Anti-skid surfaces

Automatic swing brake lock

Centralized lubrication system (automatic)

Counterweight heavy 11.0 t/24,250 lb

DEF tank filling indicator

DFF tank lockable access hatch

Engine hood with gas spring opening

Extended tool set including tool box

Handrails

Lockable fuel tank cap with padlock

Lockable service doors

Lockable storage box

Main switch, manual, lockable

Protection grid on radiator fan

Sound insulation

Swing-out radiators



Mydraulic System

Dedicated swing circuit

Filter with integrated fine filters

Hydraulic pressure measuring ports Hydraulic tank shut-off valve

Magnetic rod

Pressure accumulator for controlled lowering of equipment with engine turned off



Engine

Air filter with automatic dust ejector

Automatic engine idling/speed increase, controlled via joystick sensors Common-Rail injection system

Exhaust gas after-treatment system - SCR

Fixed geometry turbocharger

Fuel fine filter

Fuel pre-filter and water separator Fuel priming pump

Intercooler

Power Pack US EPA Tier 4 Final Stepless adjustable engine speed



Operator's Cab

7" multifunction color touchscreen

Air conditioning, automatic, tri-zone, controlled via display

Armrests adjustable in width, height and inclination

Bottle holder

Cab air filters housing, accessible from ground level

Cab door sliding windows

Cigarette lighter

Coat hook

DEF consumption on touchscreen

DEF level on touchscreen

Electric socket in cabin (12 V)

Electric socket in cabin (24 V) Emergency hammer

Engine oil level on touchscreen

Footrest

Fuel consumption on touchscreen

Fuel level on touchscreen

Interior lighting

Laminated right hand side window

LiDAT Plus (Liebherr data transfer system)

Mechanical hour meters, visible from ground level

Movement priority between swing and boom, adjustable via touchscreen

Rain hood over front window opening

Rearview mirror

Rear view monitoring camera

Rear window emergency exit

Right hand side view monitoring camera

Roll-down sun blinds for windscreen and roof window

Rubber floor mat, fixed on floor and removable

Storage box

Storage nets Storage spaces

Tiltable console left

Tinted windows

Visco-elastic damping

Windscreen wiper and washer Work mode selector



Equipment

Anti-drift system boom cylinders

Anti-drift system stick cylinder Boom bottom protection

Boom cylinders regeneration

Pipe fracture safety valve for stick cylinder

Pipe fracture safety valves for boom cylinders Pivot points made of cast steel

SAE split flanges on high pressure lines

Stick bottom protection

Stick cylinder regeneration

^{*} optionally extendable after one year

Equipment Standard/Option

Undercarriage

Chain guide 3 pieces	•
Chain guide 4 pieces	+
Chain guide full length	+
Reinforced cover and base plate for undercarriage center section	+
Special painting	+
Steps	•
Track pads double grouser 500 mm/20", chamfered	+
Track pads double grouser 600 mm/24", chamfered	•
Track pads double grouser 750 mm/30", chamfered	+

Uppercarriage

Air pre-filter with cyclonical dust trap	+
Boxing ring	+
Catwalk tiltable front left	+
Catwalks tiltable left and right	+
Centralized lubrication system (automatic)	•
Centralized lubrication system (manual)	+
Electric socket on uppercarriage (24 V)	+
Headlight on uppercarriage, lateral left, LED+, 1 piece	+1)
Headlight on uppercarriage, lateral right, LED+, 1 piece	+1)
Headlights on uppercarriage, front, LED, 2 pieces, protections included	•1)
Headlights on uppercarriage, front, LED+, 2 pieces, protections included	+1)
Headlights on uppercarriage, rear, LED+, 2 pieces	+1)
Lighting for tank area 1)	+
Lighting for uppercarriage access 1)	+
Pre-heating system for fuel	+
Radiator fine mesh protection grid	+
Reversible fan drive	+
Skyview 360°	+
Special painting	+
Swing ring and lubrication hoses protection	+
Tank refilling pump fuel	+
Uppercarriage bottom and side protection	+
Wiggins coupling for fuel	+

Hydraulic System

,	
Bypass filter for hydraulic oil	+
Liebherr hydraulic oil	•
Liebherr hydraulic oil, adapted for extreme climate conditions	+
Liebherr hydraulic oil, biodegradable	+

Automatic engine shutdown after idling	+
Engine shut-down with overrun	+
Lighting for anging comportment ()	

Operator's Cab

3" seat belt with retractor, orange color 4-points seat belt 4-points seat belt Acoustic travel alarm deactivatable 4-points seat belt Acoustic travel alarm deactivatable 8-points windscreen wiper Cool box (12 V) 4-poark tinted windows Electrically adjustable and heated outside rear-view mirrors Electronic immobilizer 4-perferency stop in cab FGPS front guard FGPS front guard FGPS front guard tilable Filter for hydraulic hammer return flow Fire extinguisher First-aid box 4-poilt with the sex of the se	Ξ		
Acoustic travel alarm deactivatable Auxilary heater programmable Bottom windscreen wiper Cool box (12 V) Dark tinted windows Electrically adjustable and heated outside rear-view mirrors Electronic immobilizer Emergency stop in cab FGPS front guard FGPS front guard tilable Filter for hydraulic hammer return flow Fire extinguisher Fire extinguisher Fire actinguisher Firest-aid box Follow me home FOPS top guard Handrests elevated for joysticks Headlights on cab, front, LED+, 2 pieces Headlights on cab roof, front, LED+, 2 pieces Headlights on cab roof, front, LED+, 2 pieces Heliph pressure circuit with Tool Control (20 attachment adjustments on display) Impact resistant one-piece windscreen Impact resistant roof window Lighting for cabin access 1) Luminosity control (LED+ headlights) 1) Medium pressure circuit Mini-joysticks proportional Movement restriction for boom Hadio pre-installation Retractable laminated two-piece windscreen Rof sun shield Roof window wiper Radio Comfort Padio pre-installation Retractable laminated two-piece windscreen Rof sun shield Roof window wiper Radio Comfort Padio pre-installation Retractable laminated two-piece windscreen Rof sun shield Roof window wiper Radio Comfort Padio pre-installation Retractable laminated two-piece windscreen Rof sun shield Roof window wiper Radio Comfort Padio pre-installation Retractable laminated two-piece windscreen Rof sun shield Roof window wiper Rotating beacon on cabin, LED, 1 piece Seat belt reminder Shortkey button on joystick configurable Special painting Sun visor		3" seat belt with retractor, orange color	•
Auxilary heater programmable Bottom windscreen wiper Cool box (12 V) Dark tinted windows + Electrically adjustable and heated outside rear-view mirrors + Electronic immobilizer + Emergency stop in cab + FGPS front guard + FGPS front guard litable - Filter for hydraulic hammer return flow + Fire stringuisher + First-aid box + Follow me home + FOPS top guard + Handrests elevated for joysticks + Headlights on cab, front, LED, 2 pieces + Headlights on cab, front, LED+, 2 pieces + Headlights on cab front, LED+, 2 pieces + High pressure circuit with Tool Control (20 attachment adjustments on display) + Impact resistant ne-piece windscreen + Impact resistant or or window - Integral protection guard - Laminated roof window - Lighting for cabin access 10 - Luminosity control (LED+ headlights) 10 - Movement restriction for stick - Operator seat Comfort - Operator seat Comfort - Operator seat Premium - Overload warning system - Radio pre- Radio Comfort - Radio pre- Radio pre- Radio meri- Ra		4-points seat belt	+
Bottom windscreen wiper Cool box (12 V) + Cool b		Acoustic travel alarm deactivatable	+
Cool box (12 V) Dark tinted windows + Electrically adjustable and heated outside rear-view mirrors + Electronic immobilizer + Emergency stop in cab + FGPS front guard + FGPS front guard + FGPS front guard tiltable - Filter for hydraulic hammer return flow + Fire extinguisher + First-aid box + Follow me home + FOPS top guard + Handrests elevated for joysticks + Headlights on cab, front, LED, 2 pieces + Headlights on cab, front, LED, 2 pieces + Headlights on cab ront, LED+, 2 pieces + High pressure circuit switchable on pedals or mini-joystick + High pressure circuit switchable on pedals or mini-joystick + Impact resistant one-piece windscreen Impact resistant roof window - Lighting for cabin access 1) - Luminosity control (LED+ headlights) 1) - Medium pressure circuit - Mini-joysticks proportional - Movement restriction for boom - Headlights on the province windscreen - Readio Comfort - Prestriction for boom - Headlights on the prestriction		Auxilary heater programmable	+
Dark tinted windows Electrically adjustable and heated outside rear-view mirrors Helectronic immobilizer Hemergency stop in cab Herops front guard Herops front guard Herops front guard tiltable Hilter for hydraulic hammer return flow Hire extinguisher First-aid box Herollow me home Horops top guard Handrests elevated for joysticks Headlights on cab, front, LED+, 2 pieces Headlights on cab, front, LED+, 2 pieces Headlights on cab, front, LED+, 2 pieces Headlights on cab front, LED+, 2 pieces High pressure circuit switchable on pedals or mini-joystick High pressure circuit with Tool Control (20 attachment adjustments on display) Himpact resistant one-piece windscreen Integral protection guard Haminated roof window Lighting for cabin access i) Luminosity control (LED+ headlights) i) Medium pressure circuit Holdium pressure circuit Holdiu		Bottom windscreen wiper	+
Electrically adjustable and heated outside rear-view mirrors Electronic immobilizer Emergency stop in cab FGPS front guard + FGPS front guard tiltable Filter for hydraulic hammer return flow Fire extinguisher First-aid box Follow me home FOPS top guard + Handrests elevated for joysticks Headlights on cab, front, LED, 2 pieces Headlights on cab, front, LED+, 2 pieces Headlights on cab front, LED+, 2 pieces Headlights on cab front, LED+, 2 pieces Headlights on cab roof, front, LED+, 2 pieces High pressure circuit with Tool Control (20 attachment adjustments on display) High pressure circuit with Tool Control (20 attachment adjustments on display) High pressure circuit with Tool Control (20 attachment adjustments on display) Hompact resistant roof window Lighting for cabin access 1) Luminosity control (LED+ headlights) 1) Hodium pressure circuit Movement restriction for boom Movement restriction for boom Movement restriction for boom Movement restriction for boom Hodium pressure circuit Andio Comfort Operator seat Comfort Operator seat Comfort Operator seat Comfort Padio pre-installation Retractable laminated two-piece windscreen Roof sun shield Roof window wiper Rotating beacon on cabin, LED, 1 piece Seat belt reminder Shortkey button on joystick configurable Special painting Liphting for cabin application on the piece windscreen Special painting Sun visor		Cool box (12 V)	+
Electronic immobilizer Emergency stop in cab + FGPS front guard + FGPS front guard FGPS front guard tiltable Filter for hydraulic hammer return flow + Fire extinguisher First-aid box + Follow me home + FOPS top guard + Handrests elevated for joysticks + Headlights on cab, front, LED, 2 pieces + Headlights on cab, front, LED+, 2 pieces + Headlights on cab root, front, LED+, 2 pieces + High pressure circuit switchable on pedals or mini-joystick + High pressure circuit with Tool Control (20 attachment adjustments on display) + Impact resistant one-piece windscreen + Impact resistant one-piece windscreen + Impact resistant one-piece windscreen + Laminated roof window + Lighting for cabin access 1) + Luminosity control (LED+ headlights) 1) + Medium pressure circuit + Mini-joysticks proportional - Movement restriction for boom - Movement restriction for boom - Movement restriction for stick - Operator seat Premium - Overload warning system - Radio pre-installation - Retractable laminated two-piece windscreen - Roof sun shield - Roof window wiper - Rotating beacon on cabin, LED, 1 piece - Seat belt reminder - Shortkey button on joystick configurable - Special painting - Sun visor - FIRST A STAN STAN STAN STAN STAN STAN STAN		Dark tinted windows	+
Emergency stop in cab FGPS front guard FGPS front guard tiltable Filter for hydraulic hammer return flow Fire extinguisher First-aid box Follow me home FOPS top guard Handrests elevated for joysticks Headlights on cab, front, LED, 2 pieces Headlights on cab, front, LED+, 2 pieces Headlights on cab front, LED+, 2 pieces Headlights on cab roof, front, LED+, 2 pieces High pressure circuit with Tool Control (20 attachment adjustments on display) Impact resistant one-piece windscreen Impact resistant one-piece windscreen Integral protection guard Laminated roof window Lighting for cabin access 1) Luminosity control (LED+ headlights) 1) Medium pressure circuit Mini-joysticks proportional Movement restriction for stick Operator seat Premium Overload warning system Radio Comfort Padio pre-installation Retractable laminated two-piece windscreen Roof sun shield Roof window wiper Rotating beacon on cabin, LED, 1 piece Seat belt reminder Shortkey button on joystick configurable Special painting Sun visor + Sores Assert Sam of the Assertion Stan on Special painting Sun visor + Special painting Sun visor		Electrically adjustable and heated outside rear-view mirrors	+
FGPS front guard		Electronic immobilizer	+
FGPS front guard tiltable + Filter for hydraulic hammer return flow + Fire extinguisher + First-aid box + Follow me home + FOPS top guard + Handrests elevated for joysticks + Headlights on cab, front, LED, 2 pieces + Headlights on cab, front, LED+, 2 pieces + Headlights on cab roof, front, LED+, 2 pieces + High pressure circuit switchable on pedals or mini-joystick + High pressure circuit with Tool Control (20 attachment adjustments on display) + Impact resistant one-piece windscreen + Impact resistant one-piece windscreen + Impact resistant or window + Laminated roof window + Laminated roof window + Lughting for cabin access 1) + Luminosity control (LED+ headlights) 1) + Medium pressure circuit Mini-joysticks proportional + Movement restriction for boom + Movement restriction for stick + Operator seat Comfort - Operator seat Premium + Overload warning system + Radio comfort + Radio pre-installation + Retractable laminated two-piece windscreen + Roof window wiper + Rotating beacon on cabin, LED, 1 piece + Seat belt reminder + Shortkey button on joystick configurable - Special painting + Sun visor +		Emergency stop in cab	+
Filter for hydraulic hammer return flow Fire extinguisher First-aid box Follow me home FOPS top guard Handrests elevated for joysticks Headlights on cab, front, LED, 2 pieces Headlights on cab, front, LED+, 2 pieces Headlights on cab roof, front, LED+, 2 pieces Headlights on cab roof, front, LED+, 2 pieces High pressure circuit switchable on pedals or mini-joystick High pressure circuit with Tool Control (20 attachment adjustments on display) Himpact resistant one-piece windscreen Himpact resistant roof window Integral protection guard Laminated roof window Lighting for cabin access 1) Luminosity control (LED+ headlights) 1) Medium pressure circuit Mini-joysticks proportional Movement restriction for boom Movement restriction for stick Operator seat Comfort Operator seat Comfort Operator seat Premium Overload warning system Radio Comfort Radio pre-installation Retractable laminated two-piece windscreen Roof sun shield Roof window wiper Rotating beacon on cabin, LED, 1 piece Seat belt reminder Shortkey button on joystick configurable Special painting Sun visor + Sun visor		FGPS front guard	+
Fire extinguisher First-aid box Follow me home FOPS top guard Handrests elevated for joysticks Headlights on cab, front, LED, 2 pieces Headlights on cab, front, LED+, 2 pieces Headlights on cab roof, front, LED+, 2 pieces Headlights on cab roof, front, LED+, 2 pieces High pressure circuit with Tool Control (20 attachment adjustments on display) High pressure circuit with Tool Control (20 attachment adjustments on display) High pressure circuit with Tool Control (20 attachment adjustments on display) High pressure circuit with Tool Control (20 attachment adjustments on display) High pressure circuit with Tool Control (20 attachment adjustments on display) High pressure circuit with Tool Control (20 attachment adjustments on display) High pressure circuit with Integral protection guard Laminated roof window Lighting for cabin access 1) Luminosity control (LED+ headlights) 1) Medium pressure circuit Hiji-joysticks proportional Movement restriction for stick Operator seat Comfort Operator seat Comfort Operator seat Premium Overload warning system Hadio Comfort Radio pre-installation Retractable laminated two-piece windscreen Roof sun shield Roof window wiper Rotating beacon on cabin, LED, 1 piece Seat belt reminder Shortkey button on joystick configurable Special painting Sun visor		FGPS front guard tiltable	+
First-aid box Follow me home + Follow me home + FOPS top guard + Handrests elevated for joysticks + Headlights on cab, front, LED, 2 pieces + Headlights on cab, front, LED+, 2 pieces + Headlights on cab on cab roof, front, LED+, 2 pieces + Headlights on cab roof, front, LED+, 2 pieces + High pressure circuit switchable on pedals or mini-joystick + High pressure circuit switchable on pedals or mini-joystick + High pressure circuit with Tool Control (20 attachment adjustments on display) + Impact resistant none-piece windscreen + Impact resistant roof window + Integral protection guard + Laminated roof window + Lighting for cabin access 1) + Luminosity control (LED+ headlights) 1) + Medium pressure circuit + Mini-joysticks proportional - Movement restriction for boom - Movement restriction for boom - Movement restriction for stick - Operator seat Comfort - Operator seat Comfort - Operator seat Comfort - Operator seat Premium - Overload warning system - Radio pre-installation - Retractable laminated two-piece windscreen - Roof sun shield - Roof window wiper - Rotating beacon on cabin, LED, 1 piece - Seat belt reminder - Shortkey button on joystick configurable - Special painting - Sun visor - Son San Shield - Special painting - Sun visor - Special painting - Special painting - Sun visor - Special painting - Specia		Filter for hydraulic hammer return flow	+
Follow me home FOPS top guard Handrests elevated for joysticks H-addilghts on cab, front, LED, 2 pieces Headlights on cab, front, LED+, 2 pieces Headlights on cab roof, front, LED+, 2 pieces Headlights on cab roof, front, LED+, 2 pieces High pressure circuit switchable on pedals or mini-joystick High pressure circuit with Tool Control (20 attachment adjustments on display) Himpact resistant one-piece windscreen Impact resistant or window Integral protection guard Laminated roof window Lighting for cabin access 1) Luminosity control (LED+ headlights) 1) Medium pressure circuit Mini-joysticks proportional Movement restriction for boom Movement restriction for stick Operator seat Comfort Operator seat Premium Overload warning system Radio Comfort Radio pre-installation Retractable laminated two-piece windscreen Roof sun shield Roof window wiper Rotating beacon on cabin, LED, 1 piece Seat belt reminder Shortkey button on joystick configurable Special painting Sun visor		Fire extinguisher	+
FOPS top guard Handrests elevated for joysticks + Headlights on cab, front, LED, 2 pieces + Headlights on cab, front, LED+, 2 pieces + Headlights on cab roof, front, LED+, 2 pieces + Headlights on cab roof, front, LED+, 2 pieces + High pressure circuit switchable on pedals or mini-joystick + High pressure circuit with Tool Control (20 attachment adjustments on display) + Impact resistant one-piece windscreen + Impact resistant roof window Integral protection guard Laminated roof window Lighting for cabin access 1) + Luminosity control (LED+ headlights) 1) Medium pressure circuit Mini-joysticks proportional Movement restriction for boom Movement restriction for stick Operator seat Comfort Operator seat Comfort Operator seat Premium Overload warning system + Aadio comfort Radio pre-installation Retractable laminated two-piece windscreen Roof sun shield Roof window wiper Rotating beacon on cabin, LED, 1 piece Seat belt reminder Shortkey button on joystick configurable Special painting + Son visor + Sun visor		First-aid box	+
Handrests elevated for joysticks Headlights on cab, front, LED+, 2 pieces Headlights on cab front, LED+, 2 pieces Headlights on cab roof, front, LED+, 2 pieces High pressure circuit with Tool Control (20 attachment adjustments on display) High pressure circuit with Tool Control (20 attachment adjustments on display) High pressure circuit with Tool Control (20 attachment adjustments on display) High pressure circuit with Tool Control (20 attachment adjustments on display) High pressure circuit with Tool Control (20 attachment adjustments on display) High pressure circuit with Tool Control (20 attachment adjustments on display) High pressure circuit with Integral protection guard Laminated roof window Lighting for cabin access 1) Huminosity control (LED+ headlights) 1) Medium pressure circuit High joysticks proportional Movement restriction for boom Movement restriction for stick Operator seat Comfort Operator seat Comfort Operator seat Premium Overload warning system Hadio Comfort Hadio pre-installation Retractable laminated two-piece windscreen Roof sun shield Roof window wiper Rotating beacon on cabin, LED, 1 piece Seat belt reminder Shortkey button on joystick configurable Special painting Sun visor + Sun visor		Follow me home	+
Headlights on cab, front, LED, 2 pieces Headlights on cab front, LED+, 2 pieces Headlights on cab roof, front, LED+, 2 pieces High pressure circuit switchable on pedals or mini-joystick High pressure circuit with Tool Control (20 attachment adjustments on display) High pressure circuit with Tool Control (20 attachment adjustments on display) High pressure circuit with Tool Control (20 attachment adjustments on display) High pressure circuit with Tool Control (20 attachment adjustments on display) High pressure circuit with Tool Control (20 attachment adjustments on display) High pressure circuit with Tool Control (20 attachment adjustments on display) High pressure circuit with Tool Control (20 attachment adjustments on display) High pressure circuit with Tool Control (20 attachment adjustments on display) High pressure circuit with Tool Control (20 attachment adjustments on display) High pressure circuit with Tool Control (20 attachment adjustments on display) High pressure circuit with Tool Control (20 attachment adjustments on display) High pressure circuit with Tool Control (20 attachment adjustments on display) High pressure circuit with Tool Control (20 attachment adjustments on display) High pressure circuit with Tool Control (20 attachment adjustments on display) High pressure circuit with Tool Control (20 attachment adjustments on display) High pressure circuit with Tool Control (20 attachment adjustments on display) High pressure circuit with Tool Control (20 attachment adjustments on display) High pressure circuit with Tool Control (20 attachment adjustments on display) High pressure circuit with Tool Control (20 attachment adjustments on display) High pressure circuit with Tool Control (20 attachment adjustments on display) High pressure circuit with Tool Control (20 attachment adjustments on display) High pressure circuit with Tool Control (20 attachment adjustments on display) High pressure circuit with Tool Control (20 attachment adjustments on display) High pressure circuit with Tool Control (20		FOPS top guard	+
Headlights on cab, front, LED+, 2 pieces +1 Headlights on cab roof, front, LED+, 2 pieces +1 High pressure circuit switchable on pedals or mini-joystick +1 High pressure circuit with Tool Control (20 attachment adjustments on display) + Impact resistant one-piece windscreen +1 Impact resistant roof window +1 Integral protection guard +1 Laminated roof window • Lightling for cabin access 1) +2 Luminosity control (LED+ headlights) 1) +4 Medium pressure circuit +1 Mini-joysticks proportional • Movement restriction for boom +1 Movement restriction for stick +1 Operator seat Comfort • Operator seat Comfort • Operator seat Premium +1 Overload warning system +1 Radio comfort +1 Radio pre-installation • Retractable laminated two-piece windscreen +2 Roof sun shield +1 Roof window wiper +2 Rotating beacon on cabin, LED, 1 piece +2 Seat belt reminder +5 Shortkey button on joystick configurable +5 Special painting +5 Sun visor +1		Handrests elevated for joysticks	+
Headlights on cab roof, front, LED+, 2 pieces High pressure circuit switchable on pedals or mini-joystick + High pressure circuit with Tool Control (20 attachment adjustments on display) + Impact resistant one-piece windscreen High pressure circuit with Tool Control (20 attachment adjustments on display) High pressure circuit with Tool Control (20 attachment adjustments on display) High pressure resistant roof window Lighting for cabin access 1) Luminosity control (LED+ headlights) 1) Hedium pressure circuit + Mini-joysticks proportional + Movement restriction for boom + Movement restriction for boom + Movement restriction for stick + Operator seat Comfort + Operator seat Comfort + Radio pre-installation + Radio pre-installation + Retractable laminated two-piece windscreen + Roof sun shield + Roof window wiper + Rotating beacon on cabin, LED, 1 piece + Stortkey button on joystick configurable + Stortkey but		Headlights on cab, front, LED, 2 pieces	●1)
High pressure circuit switchable on pedals or mini-joystick High pressure circuit with Tool Control (20 attachment adjustments on display) + Impact resistant one-piece windscreen Impact resistant roof window Integral protection guard + Laminated roof window Lighting for cabin access 1) + Luminosity control (LED + headlights) 1) Medium pressure circuit + Mini-joysticks proportional Movement restriction for boom + Movement restriction for stick Operator seat Comfort Operator seat Premium Overload warning system + Aadio Comfort + Radio pre-installation Retractable laminated two-piece windscreen Roof sun shield Roof window wiper Rotating beacon on cabin, LED, 1 piece Seat belt reminder Shortkey button on joystick configurable Special painting + Sun visor + Panning System + Committee Special painting + Sun visor		Headlights on cab, front, LED+, 2 pieces	+1)
High pressure circuit with Tool Control (20 attachment adjustments on display) Impact resistant one-piece windscreen Impact resistant roof window Integral protection guard Laminated roof window Lighting for cabin access 1) Luminosity control (LED+ headlights) 1) Medium pressure circuit Hini-joysticks proportional Movement restriction for boom Movement restriction for stick Operator seat Comfort Operator seat Premium Overload warning system Radio Comfort Radio pre-installation Retractable laminated two-piece windscreen Roof sun shield Roof window wiper Rotating beacon on cabin, LED, 1 piece Seat belt reminder Special painting Sun visor + Sun visor		Headlights on cab roof, front, LED+, 2 pieces	+1)
Impact resistant one-piece windscreen + Impact resistant roof window + Integral protection guard + Laminated roof window • Lighting for cabin access + Luminosity control (LED+ headlights) + Medium pressure circuit + Mini-joysticks proportional • Movement restriction for boom + Movement restriction for stick + Operator seat Comfort • Operator seat Premium + Overload warning system + Radio Comfort + Radio pre-installation • Retractable laminated two-piece windscreen • Roof sun shield + Roof window wiper + Rotating beacon on cabin, LED, 1 piece + Seat belt reminder + Shortkey button on joystick configurable • Special painting + Sun visor +			+
Impact resistant roof window		High pressure circuit with Tool Control (20 attachment adjustments on display)	+
Integral protection guard		Impact resistant one-piece windscreen	+
Laminated roof window • Lighting for cabin access () + Luminosity control (LED+ headlights) () + Medium pressure circuit + Mini-joysticks proportional • Movement restriction for boom + Movement restriction for stick + Operator seat Comfort • Operator seat Premium + Overload warning system + Radio Comfort + Radio pre-installation • Retractable laminated two-piece windscreen • Roof sun shield + Roof window wiper + Rotating beacon on cabin, LED, 1 piece + Seat belt reminder + Shortkey button on joystick configurable • Special painting + Sun visor +		Impact resistant roof window	+
Lighting for cabin access 1)			+
Luminosity control (LED+ headlights) ¹⁾ + Medium pressure circuit + Mini-joysticks proportional • Movement restriction for boom + Movement restriction for stick + Operator seat Comfort • Operator seat Premium + Overload warning system + Radio Comfort + Radio pre-installation • Retractable laminated two-piece windscreen • Roof sun shield + Roof window wiper + Rotating beacon on cabin, LED, 1 piece + Seat belt reminder + Shortkey button on joystick configurable • Special painting + Sun visor +			•
Medium pressure circuit + Mini-joysticks proportional • Movement restriction for boom + Movement restriction for stick + Operator seat Comfort • Operator seat Premium + Overload warning system + Radio Comfort + Radio pre-installation • Retractable laminated two-piece windscreen • Roof sun shield + Roof window wiper + Rotating beacon on cabin, LED, 1 piece + Seat belt reminder + Shortkey button on joystick configurable • Special painting + Sun visor +		0 0	+
Mini-joysticks proportional • Movement restriction for boom + Movement restriction for stick + Operator seat Comfort • Operator seat Premium + Overload warning system + Radio Comfort + Radio pre-installation • Retractable laminated two-piece windscreen • Roof sun shield + Roof window wiper + Rotating beacon on cabin, LED, 1 piece + Seat belt reminder + Shortkey button on joystick configurable • Special painting + Sun visor +			+
Movement restriction for boom		•	+
Movement restriction for stick		** ' '	•
Operator seat Comfort • Operator seat Premium + Overload warning system + Radio Comfort + Radio pre-installation • Retractable laminated two-piece windscreen • Roof sun shield + Roof window wiper + Rotating beacon on cabin, LED, 1 piece + Seat belt reminder + Shortkey button on joystick configurable • Special painting + Sun visor +			+
Operator seat Premium + Overload warning system + Radio Comfort + Radio pre-installation • Retractable laminated two-piece windscreen • Roof sun shield + Roof window wiper + Rotating beacon on cabin, LED, 1 piece + Seat belt reminder + Shortkey button on joystick configurable • Special painting + Sun visor +			
Overload warning system + Radio Comfort + Radio pre-installation • Retractable laminated two-piece windscreen • Roof sun shield + Roof window wiper + Rotating beacon on cabin, LED, 1 piece + Seat belt reminder + Shortkey button on joystick configurable • Special painting + Sun visor +			•
Radio Comfort + Radio pre-installation • Retractable laminated two-piece windscreen • Roof sun shield + Roof window wiper + Rotating beacon on cabin, LED, 1 piece + Seat belt reminder + Shortkey button on joystick configurable • Special painting + Sun visor +			+
Radio pre-installation Retractable Iaminated two-piece windscreen Roof sun shield + Roof window wiper + Rotating beacon on cabin, LED, 1 piece + Seat belt reminder + Shortkey button on joystick configurable Special painting + Sun visor +			+
Retractable laminated two-piece windscreen Roof sun shield Roof window wiper + Rotating beacon on cabin, LED, 1 piece Seat belt reminder Shortkey button on joystick configurable Special painting Sun visor +			
Roof sun shield			•
Roof window wiper			•
Rotating beacon on cabin, LED, 1 piece + Seat belt reminder + Shortkey button on joystick configurable Special painting + Sun visor +			+
Seat belt reminder + Shortkey button on joystick configurable • Special painting + Sun visor +		The state of the s	+
Shortkey button on joystick configurable Special painting + Sun visor +			+
Special painting + Sun visor +			
Sun visor +			•
Windscreen bottom protection grid +			
		Windscreen bottom protection grid	+



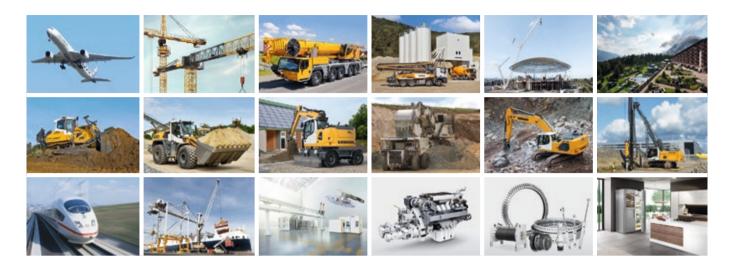
Boom cylinder rods protection	+
Bucket cylinder rod protection	+
Centralized lubrication extended for connecting link	+
Floating boom	+
Headlights on boom, LED, 2 pieces, protections included	● 1)
leadlights on boom, LED+, 2 pieces, protections included	+1)
ono boom SME 6.70 m/ 22'	+
reparation for ripper tooth	+
uick coupler SWA 77 hydraulic	+
pecial painting	+
tick SME 2.35 m/ 7'9"	+
Stick SME 2.80 m/9'2"	+

• = Standard, + = Option

1) Equipment not individually available, but only as predefined lighting packages Non-exhaustive list, please contact us for further information.

Options and/or special equipments, supplied by vendors other than Liebherr, are only to be installed with the knowledge and approval of Liebherr in order to retain warranty.

The Liebherr Group of Companies



Diverse Product Range

The Liebherr Group is one of the largest construction equipment manufacturers in the world. Liebherr's quality products and services hold a high reputation in many industries. The wide range includes domestic appliances, aerospace and transportation systems, machine tools and maritime cranes.

Exceptional Customer Benefit

Every product line provides a complete range of models in many different versions. With both their technical excellence and superior quality, Liebherr products offer customers the highest benefits in practical applications.

State-of-the-art Technology

Liebherr attributes great importance to the product areas of core technology and components, in order to achieve its consistent, top-quality products. Important modules and components are developed and manufactured in-house, for instance, the entire drive and control technology for the construction equipment and mining trucks.

Worldwide and Family-Owned

Hans Liebherr founded the Liebherr family company in 1949. Since that time, the enterprise has steadily grown to a group of more than 130 companies with more than 46,000 employees located on all continents. The corporate headquarters of the Group is Liebherr-International AG in Bulle, Switzerland. The Liebherr family is the sole owner of the company.

www.liebherr.us