

ALL LINEUP CATALOG

Crawler Cranes

Sumitomo Heavy Industries Construction Cranes Co., Ltd. has been abbreviated as "HSC" throughout this catalog. "HSC CRANES" is a brand of Sumitomo Heavy Industries Construction Cranes Co., Ltd.

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True satisfaction for all.

In April 2018, Sumitomo Heavy Industries Construction Cranes Co., Ltd. set forth with a new brand name, HSC CRANES. As a global expert in the field of cranes, the name HSC is indicative of our inherent commitment:

H: High-quality S: Satisfaction C: Confidence

With outstanding products built on these three key phrases, HSC CRANES endeavors to forge even stronger ties with all customers and deliver true satisfaction, to enhance the lifestyles, cultures and societies of people around the world. HSC CRANES, always ready to take on new challenges.



CRAWLER CRANES



Specifications

			Lattice Boom Crawler Cranes				
Model			SCX550-3	SCX800-2	SCX800A-3	SCX1000A-3	SCX1200-3
Liftcrane	Max. lifting cap.	t × m	55 × 3.7	80 × 3.3	80 × 3.3	100 × 3.8	120 × 5.0
	Basic boom length	m	10.0	9.5	9.5	12.0	15.0
	Max. boom length	m	52.0	54.5	54.5	60.0	75.0
Luffing towercrane	Max. lifting cap.	t × m	—	—	—	—	20.0 × 14.0
	Max. tower length	m	—	—	—	—	51.35
Engine	Make		Hino	Isuzu	Cummins	Cummins	Cummins
	Model		J05E-UN	6HK1X	QSB6.7	QSB6.7	QSB6.7
	Rated output	kW	138	212	201	201	201
Swing speed		min ⁻¹	4.2	3.9	5.0	2.4	1.8
Travel speed		km/h	2.0	1.8	1.8	2.0	1.5
Ground contact pressure		kPa	73.1	89.0	87.0	117.0	91.0
Operating weight		t	53.4	75.1	76.0	104.0	122.0

			Lattice Boom Crawler Cranes				
Model			SCX1500A-3	SCX2000A-2	SCX2800-2	SCX2800A-3	SCX3500-3
Liftcrane	Max. lifting cap.	t × m	150 × 4.5	200 × 4.6	275 × 4.3	275 × 4.3	350 × 5.0
	Basic boom length	m	15.0	15.2	15.25	15.25	18.0
	Max. boom length	m	75.0	85.4	91.45	91.45	72.0
Luffing towercrane	Max. lifting cap.	t × m	—	27.0 × 14.0	80.0 × 9.3	80.0 × 9.3	100.0 × 12.4
	Max. tower length	m	—	57.9	60.95	60.95	60.0
Engine	Make		Cummins	Mitsubishi	Mitsubishi	Cummins	Cummins
	Model		QSB6.7	6M70-TL	6M70-TL	QSL9	QSL9
	Rated output	kW	201	272	272	272	272
Swing speed		min ⁻¹	1.8	1.7	1.5	1.5	0.86
Travel speed		km/h	1.5	1.2	1.1	1.0	0.9
Ground contact pressure		kPa	103.0	111.0	124.0	129.0	136.0
Operating weight		t	139.0	186.0	223.0	231.0	321.0



			Lattice Boom Crawler Cranes				
Model			6000SLX STD	6000SLX SL-B	SCX800HD-2	SCX900HD-2	SCX1200HD-2
Liftcrane	Max. lifting cap.	t × m	500 × 6.0	550 × 8.0	80 × 3.4	90 × 4.0	120 × 5.0
	Basic boom length	m	24.0	36.0	9.5	12.0	15.0
	Max. boom length	m	108.0	126.0	54.5	60.0	72.0
Luffing towercrane	Max. lifting cap.	t × m	210.0 × 13.0	250.0 × 18.0	—	—	—
	Max. tower length	m	72.0	84.0	—	—	—
Engine	Make		Isuzu		Isuzu	Mitsubishi	Mitsubishi
	Model		6WG1		6HK1X	6M70-TL	6M70-TL
	Rated output	kW	397.0		212	272	272
Swing speed		min ⁻¹	1.0	0.5	5.1	2.5	1.9
Travel speed		km/h	1.5 / 1.3 / 0.6		1.8	2.1	1.7
Ground contact pressure		kPa	128 ^{(*)1}	146 / 961 ^(*)1,2)	91.0	96.0	97.0
Operating weight		t	403.0 ^{(*)1}	707.0 ^{(*)1}	76.3	85.0	131.0

Notes: 1. Models that include HD in the model name are designed with a larger winch and engine capacity suited to heavy-duty work. A higher rated line pull winch is also available as an option for the SCX800A-3/SCX1000A-3/SCX1500A-3.
2. Figures shown for operating weight are for liftcrane applications, configured with basic boom, standard counterweight(s), standard track shoes, and standard optional hook block of nominal lifting capacity. Figures shown for ground pressure correspond to these operating weights.

			Telescopic Boom Crawler Crane	Lattice Boom Crawler Cranes		
Model			650TLX	SCX550E	SCX700E	SCX800E
Liftcrane	Max. lifting cap.	t × m	65 × 3.0	55 × 3.7	70 × 3.7	80 × 3.2
	Basic boom length	m	10.0	10.0	12.0	9.5
	Max. boom length	m	30.1	52.7	54.0	54.5
Luffing towercrane	Max. lifting cap.	t × m	—	—	—	—
	Max. tower length	m	—	—	—	—
Engine	Make		Isuzu	Isuzu	Isuzu	Isuzu
	Model		6HK1	6HK1	6HK1	6HK1
	Rated output	kW	210	140	140	140
Swing speed		min ⁻¹	4.5	3.7	3.0	3.0
Travel speed		km/h	1.7	1.5	1.3	1.3
Ground contact pressure		kPa	92.4	67.0	75.5	80.0
Operating weight		t	70.9	50.0	64.8	72.5

3. Line speed varies under load and operating conditions. 4. (*)1 Figures shown for specifications with heavy-duty basic boom and optional 1524 mm width shoes. 5. (*)2 Figures shown as ○/○ are for both track shoes/buggy tires.
6. Each model meets the following engine emission standards. SCX550E/SCX700E/SCX800E: EU Stage II, 650TLX: EU Stage III B, SCX550-3/SCX800A-3/SCX1000A-3/SCX1200-3/SCX1500A-3/SCX3500-3: EU Stage IV (a Stage III A-compliant engine is available as an option except SCX550-3, SCX800A-3), other models: EU Stage III A.