

ALL LINEUP CATALOG

Crawler Cranes

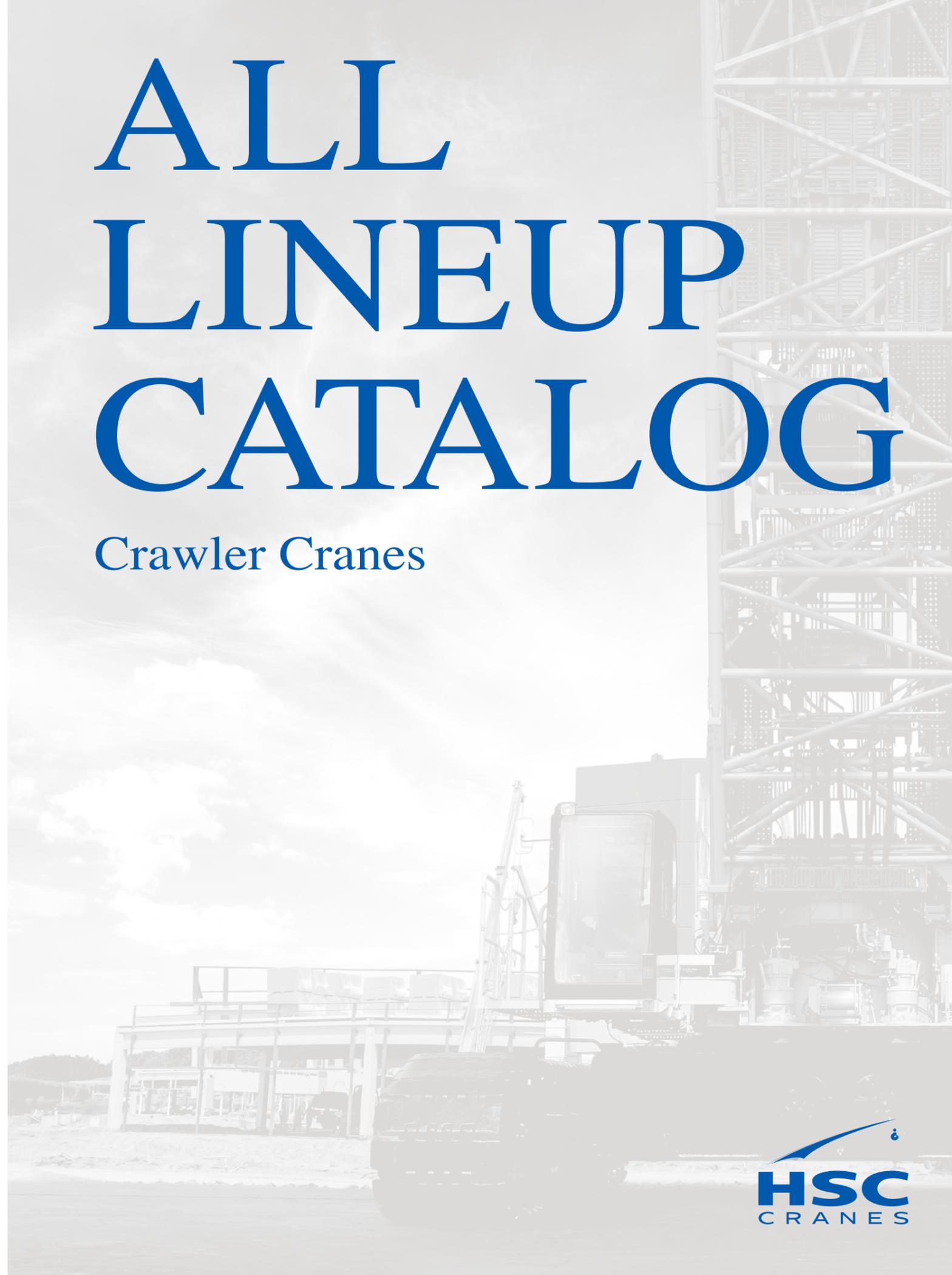
Sumitomo Heavy Industries Construction Cranes Co., Ltd. has been abbreviated as "HSC" throughout this catalog. "HSC CRANES" is a brand of Sumitomo Heavy Industries Construction Cranes Co., Ltd.

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Printed in Japan
2008©01T.EA326-1c



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.



HSC CRANES



SCX550-3

SCX800A-3

SCX1000A-3

SCX1200-3

SCX1500A-3

SCX1800A-3

SCX2800A-3

SCX3500-3

Specifications

			Lattice Boom			
Model			SCX550-3	SCX800A-3	SCX1000A-3	SCX1200-3
Liftcrane	Max. lifting cap.	t × m	55 × 3.7	80 × 3.3	100 × 3.8	120 × 5.0
	Basic boom length	m	10.0	9.5	12.0	15.0
	Max. boom length	m	52.0	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 & model		Hino J05E-UN (EU Stage IV) Hino J05E-VB (EU Stage V)	Cummins QSB6.7 (EU Stage IV)	Isuzu 6HK1 (EU Stage III A) Cummins QSB6.7 (EU Stage IV)	Isuzu 6HK1 (EU Stage III A) Cummins QSB6.7 (EU Stage IV)
	Rated output	kW	138	201	201	201
Swing speed		min ⁻¹	4.2	5.0	2.4	1.8
Travel speed		km/h	2.0	1.8	2.0	1.5
Ground contact pressure		kPa	73.1	87.0	117.0	91.0
Operating weight		t	53.4	76.0	104.0	122.0

			Lattice Boom			
Model			SCX1500A-3	SCX1800A-3	SCX2800A-3	SCX3500-3
Liftcrane	Max. lifting cap.	t × m	150 × 4.5	180 / 175 × 4.1*	275 × 4.3	350 × 5.0
	Basic boom length	m	15.0	12.0	15.25	18.0
	Max. boom length	m	75.0	84.0	91.45	72.0
Luffing towercrane	Max. lifting cap.	t × m	—	—	80.0 × 9.3	100.0 × 12.4
	Max. tower length	m	—	—	60.95	60.0
Engine	Make & model		Isuzu 6HK1 (EU Stage III A) Cummins QSB6.7 (EU Stage IV)	Cummins QSB6.7 (EU Stage III A / Stage IV)	Cummins QSL9 (EU Stage III A / Stage IV)	Cummins QSL9 (EU Stage III A / Stage IV)
	Rated output	kW	201	201	272	272
Swing speed		min ⁻¹	1.8	1.8	1.5	0.86
Travel speed		km/h	1.5	1.1	1.0	0.9
Ground contact pressure		kPa	103.0	103.0	129.0	136.0
Operating weight		t	139.0	169.0	231.0	321.0

*180 t lifting capacity is limited edition, and requires special equipment.



			Lattice Boom				
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 & model		Isuzu 6WG1 (EU Stage III A)		Isuzu 6HK1X (EU Stage III A)	Mitsubishi 6M70-TL (EU Stage III A)	Mitsubishi 6M70-TL (EU Stage III A)
	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 ^{(*)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/SCX1800A-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.

			Lattice Boom	Telescopic Boom	Lattice Boom	
Model			SCX800-2	650TLX	SCX550E	SCX800E
Liftcrane	Max. lifting cap.	t × m	80 × 3.3	65 × 3.0	55 × 3.7	80 × 3.2
	Basic boom length	m	9.5	10.0	10.0	9.5
	Max. boom length	m	54.5	30.1	52.7	54.5
Luffing towercrane	Max. lifting cap.	t × m	—	—	—	—
	Max. tower length	m	—	—	—	—
Engine	Make & model		Isuzu 6HK1X (EU Stage III A)	Isuzu 6HK1 (EU Stage III B)	Isuzu 6HK1 (EU Stage II)	Isuzu 6HK1 (EU Stage II / Stage III B)
	Rated output	kW	212	210	140	140
Swing speed		min ⁻¹	3.9	4.5	3.7	2.9
Travel speed		km/h	1.8	1.7	1.5	1.2
Ground contact pressure		kPa	89.0	92.4	67.0	80.0
Operating weight		t	75.1	70.9	50.0	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 O/∅ are for both track shoes/buggy tires.