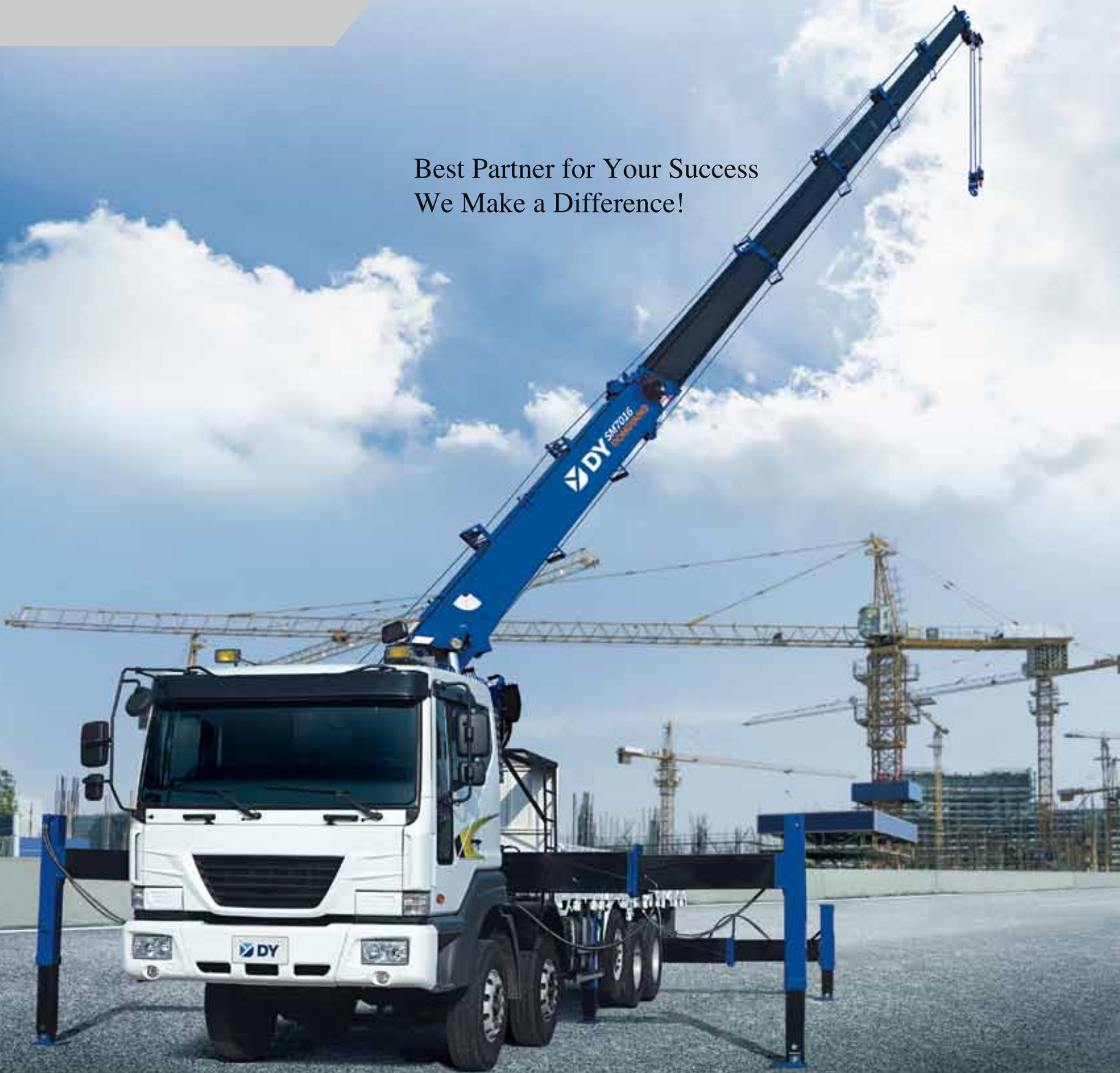


DY CRANE SERIES

Total Lifting Solutions

Best Partner for Your Success
We Make a Difference!



» ABOUT DY CORPORATION



DY Corporation global company recognized for superior quality and technical skills in the world market DY, since the foundation in 1978, has prepared the foothold for growth engine by extending new workplaces in various areas and does its utmost to develop products to customers' needs by establishing New-Biz Advanced Research Center in order to prepare against global environmental change.

DY has developed into a global company by establishing overseas branches and corporations in the U.S., Mexico, Japan, Europe, and many other countries, including production bases located in China and India, and by reinforcing global network.

As a result, DY has been verified as the top company in manufacture industry both in name and reality, growing into an export-directed company by winning a number of awards for great quality and management.

» STIFF BOOM CRANE



DY produces various types of stick crane applying to high-rise buildings, subway construction, and public works, including 3 tone-size small cranes up to 20 tone-size large cranes.

Especially, DY has developed a minus undulating boom for extending the scope of stick crane's work and also has applied two telescopic booms for the first time in the field so as to solve the inconvenience of the existing booms and to allow customers to perform works more promptly.

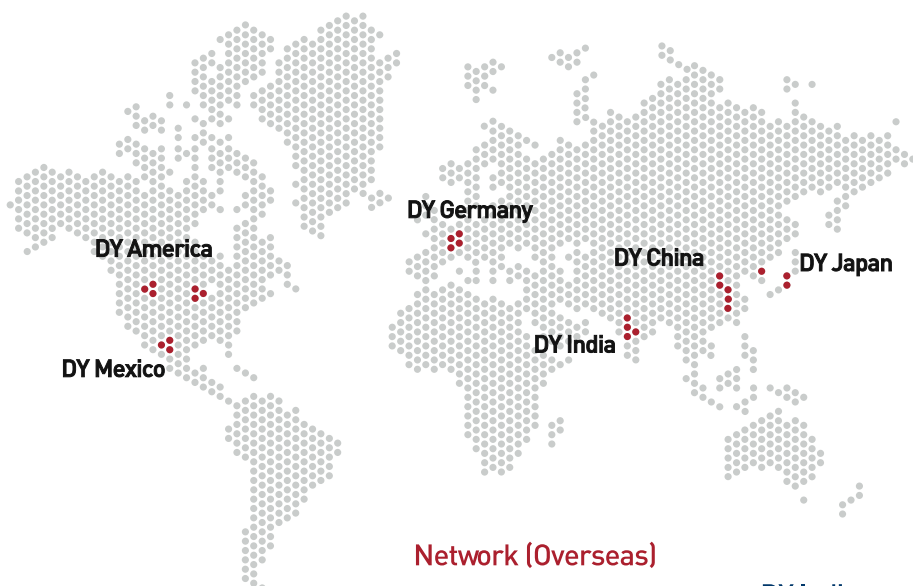
Having outstanding durability even operable in an extremely hot or cold environment, its performance has been recognized after being used in the Antarctic King Sejong Station and UN Base in Republic of South Sudan.

Knuckle cranes useful in collecting scrap metals, waste papers, and recyclable materials satisfy customers with the optimal operating radius and operability as well as incomparably superior durability and rigidity.

» DY Global Network

Korea - 81 A/S centers and 68 sales networks 5 production corporations in Iksan, Asan, Incheon, and Changwon
9 offices in Incheon, Seoul, Gyeonggi, Daejeon, Gwangju, Daegu, and Busan

DY has developed into a global company by establishing overseas branches and corporations in the U.S., Mexico, Japan, Europe, and many other countries, including production bases located in China and India, and by reinforcing global network.



Network (Overseas)

DY China

Yantai / Yancheng / Shanghai / Beijing / Chongqing / Jiangyin

DY America

Michigan / Seattle

DY Japan

Tokyo

DY India

Pune / Grugaon

DY Mexico

Nuevo Leon

DY Germany

Schwalbach

Network (Domestic)

DY Korea

DY / Iksan, Incheon
DY POWER / Changwon
DY AUTO / Asan
NANURI / Yesan
HST / Incheon



DY PLANT 1

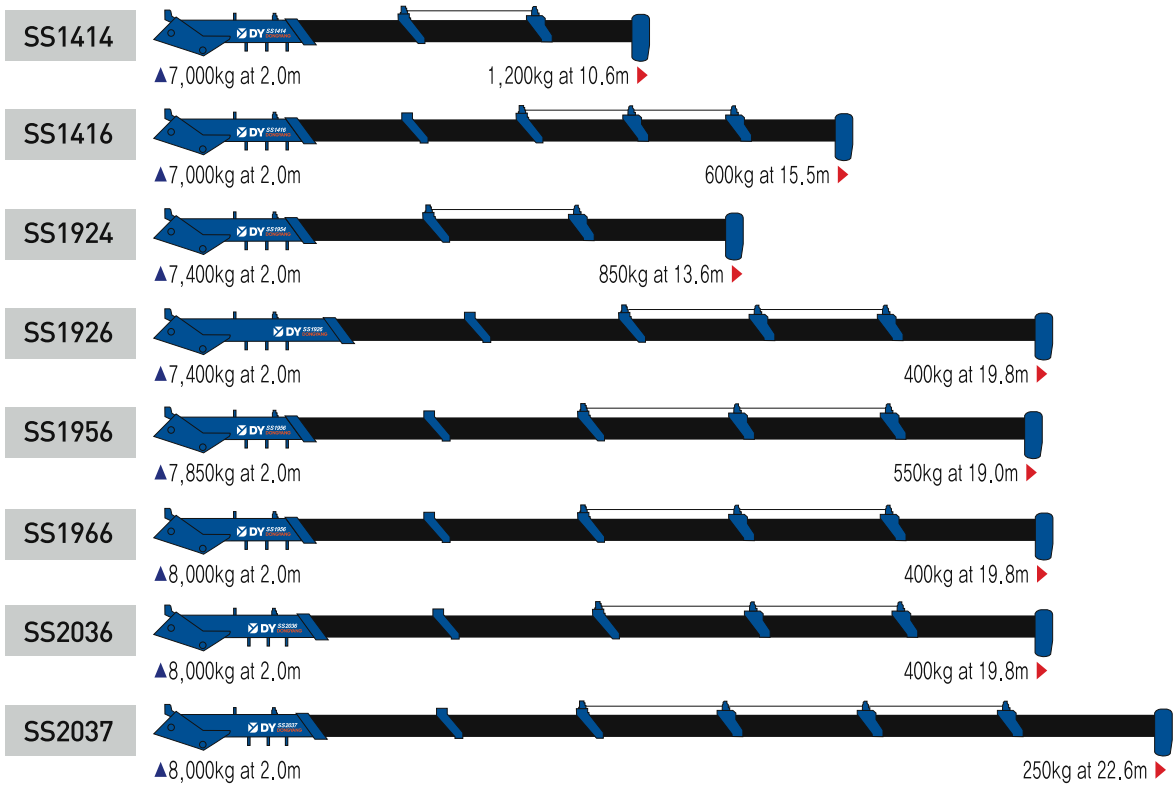


DY PLANT 2

BOOM CRANES Specifications

Category	Description	Unit	SS1414	SS1416	SS1924	SS1926	SS1956	SS1966
Capacity	Max. Lifting Capacity	kg.m	14,000	14,000	19,000	19,000	18,000	19,000
	Max. Working Height	m	12.4	17.3	15.9	22.7(25.9, 27.6)	21.9	22.7 (25.9, 27.6)
	Max. Working Radius	m	10.6	15.5	13	19.8(23.0, 24.8)	19	19.8 (23.0, 24.8)
	Rated Load (★ : 6S, STD : 4S) (★ : 8S, STD : 6S)	kg / m	★7,000 / 2.0	★7,000 / 2.0	★7,400 / 2.0	★7,400 / 2.0	★7,850 / 2.0	★8,000 / 2.0
			4,000 / 3.5	3,800 / 3.5	3,900 / 4.5	3,900 / 4.7	4,050 / 4.5	3,900 / 4.7
			2,400 / 5.9	2,100 / 5.9	2,100 / 7.6	2,100 / 7.7	2,100 / 7.4	2,100 / 7.7
			1,500 / 8.3	1,250 / 8.3	1,250 / 10.6	1,250 / 10.7	1,300 / 10.3	1,250 / 10.7
			1,200 / 10.6	950 / 10.7	850 / 13.6	850 / 13.7	950 / 13.2	850 / 13.7
			-	750 / 13.1	-	600 / 16.8	700 / 16.1	600 / 16.8
			-	600 / 15.5	-	400 / 19.8	550 / 19.0	400 / 19.8
Oil Pump	Rated Oil Flow Volume	l / min	70	70	80	80	70	80
	Oil Pressure	kgf / cm ²	210	210	210	210	210	210
	Oil Tank Capacity	l	90	90	100	100	100	170
Booms & Wires	Boom Type / Sections		Hexa / 4	Hexa / 6	Hexa / 4	Hexa / 6	Hexa / 6	Hexa / 6
	Boom Extending Speed	m / sec	7.1 / 19	11.9 / 28.6	8.9 / 28	15.1 / 36	15.1 / 35	15.1 / 36
	Boom Undulation Speed	deg / sec	78 / 21.5	78 / 21.5	80 / 15	80 / 17	80 / 19	-17~80 / 19
	Wire Rope		Φ10 x 90m	Φ10 x 90m	Φ10 x 100m	Φ10 x 100m	Φ10 x 100m	Φ10 x 100m
	Winch Speed	m / min	56 / 1 layer	56 / 1 layer	56 / 1 layer	56 / 1 layer	56 / 1 layer	56 / 1 layer
	Swing Angle	deg	360 Swirl	←	←	←	←	←
	Swing Speed	rpm	2.0	2.0	2.5	2.5	2.0	2.5
Outrigger	Outrigger Extend Width	m	Front	5.7	5.7	5.7	5.7	6.1
			Rear	4.4	4.4	4.4	4.4	4.4
	Outrigger Type		Front	Auto hydraulic	←	←	←	←
			Rear	Auto hydraulic	←	←	←	←

BOOM Type Line up



SS2036	SS2037	SS2724	SS2725	SS2725LB	SS3504	SS3506	SS3506M	SS7506S
19,000	19,000	29,000	29,000	29,000	45,000	45,000	45,000	70,000
22.7 [25.9, 27.6]	25.6 [28.8, 30.5]	17.9 [21.8]	20.8 [24.7]	23.2 [27.1]	19.6 [23]	28.7 [32.6]	28.7	34.5
19.8 [23.0, 24.8]	22.6 [25.8, 27.6]	14.5 [18.5]	17.6 [21.6]	20.2 [24.2]	17.2 [21.2]	25.2 [29.2]	25.2	30.5
★8,000 / 2.0	★8,000 / 2.0	★12,000 / 2.0	★12,000 / 2.0	★12,000 / 2.0	★15,000 / 2.0	★15,000 / 2.0	★15,000 / 2.0	★20,000 / 2.0
3,900 / 4.7	3,500 / 4.7	5,600 / 5.0	5,600 / 5.0	5,500 / 5.4	7,500 / 6.0	7,500 / 6.0	7,500 / 6.0	8,918 / 7.3
2,100 / 7.7	1,800 / 7.8	3,250 / 8.2	3,250 / 8.2	2,900 / 9.1	4,000 / 9.9	4,000 / 9.9	3,850 / 9.9	4,702 / 12.0
1,250 / 10.7	1,000 / 10.8	2,350 / 11.3	2,350 / 11.3	1,700 / 12.8	2,500 / 13.7	2,500 / 13.7	2,350 / 13.7	2,960 / 16.6
850 / 13.7	750 / 13.8	1,700 / 14.5	1,700 / 14.5	1,250 / 16.5	1,750 / 17.6	1,750 / 17.6	1,650 / 17.6	2,169 / 21.2
600 / 16.8	530 / 16.7	-	1,100 / 17.6	950 / 20.2	-	1,300 / 21.4	1,250 / 21.4	1,658 / 25.9
400 / 19.8	250 / 22.6	-	-	-	-	1,000 / 25.3	900 / 25.2	1,100 / 30.5
80	80	90 x 90	90 x 90	90 x 90	126 x 126	126 x 126	88 x 88	126 x 126
210	210	210	210	210	210	210	210	210
170	170	200	200	200	250	250	250	250
Hexa / 6	Hexa / 7	Hexa / 4	Hexa / 5	Hexa / 5	Hexa / 4	Hexa / 6	Hexa / 6	Hexa / 6
15.1 / 36	17.8 / 36	12.7 / 30	12.7 / 30	14.8 / 35	19.2 / 48	19.2 / 48	19.2 / 48	24 / 49
-17~80 / 19	-17~80 / 18	78 / 18	78 / 18	78 / 18	80 / 23	80 / 23	-11~80 / 23	-10~80 / 30
Φ10 x 100m	Φ10 x 100m	Φ12.5 x 100m	Φ12.5 x 100m	Φ12.5 x 100m	Φ14 x 100m	Φ14 x 100m	Φ14 x 100m	Φ14 x 130m
56 / 1 layer	56 / 1 layer	30 / 1 layer	30 / 1 layer	30 / 1 layer	30 / 1 layer	30 / 1 layer	30 / 1 layer	47.2 / 1 layer
←	←	←	←	←	←	←	←	←
2.5	2.5	2.5	2.5	2.5	2.0	2.0	2.0	1.5
6.1	6.1	6.2	6.2	6.2	7	7	7	7.9
4.4	4.4	5.36	5.36	5.36	5.36	5.36	5.36	5.43
←	←	←	←	←	←	←	←	←
←	←	←	←	←	←	←	←	←

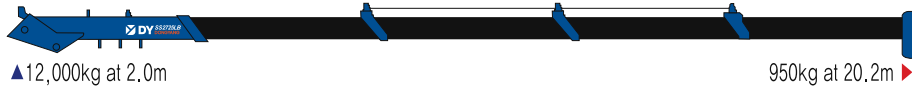
SS2724



SS2725



SS2725LB



SS3504



SS3506



SS3506M



SS7506S



KNUCKLE BOOM CRANES Specifications

Category		SSN2200II	SSN2800	SSN3000
Max. lift capacity	ton.m	12.0	13.0	15.0
Max. work height	m	11.3	11.8	12.7
Max. work radius	m	8.0	8.5	9.0
Rate flow rate	cc/rev	63	63	80
Rated pressure	kg/cm ²	250	250	250
Oil tank capacity	l	170	170	200
Boom type	-	Hexaogonal Box	Hexaogonal Box	Hexaogonal Box
Boom stages	-	4 stage deflection	4 stage deflection	4 stage deflection
Extension boom speed	m/sec	3.3 / 6.5	3.3 / 6.5	3.3 / 6.5
Main boom acting angle/speed	°/sec	-35 ~ 78 / 10.5	-35 ~ 80 / 10.5	-38 ~ 76 / 11
Outer boom acting angle/speed	°/sec	145 / 8	145 / 8	143 / 10
Rotating angle	°	415	415	415
Rotating speed	°/sec	35	35	35
Lift weight and distance	kg/m	3,950 / 2.6	4,250 / 3.1	4,500 / 2.9
		2,450 / 4.7	2,560 / 5.2	2,700 / 5.4
		1,750 / 6.35	1,820 / 6.9	1,900 / 7.2
		1,400 / 8.0	1,420 / 8.5	1,500 / 9.0
Safety device		Outrigger check valve / Rated fluid volume control valve / Excessive load prevention port relief valve		
Options		ROTATOR & GRAPPLE (0.35m ³)	ROTATOR & GRAPPLE (0.35m ³ , 0.45m ³)	ROTATOR & GRAPPLE (0.35m ³ , 0.45m ³)

* Above specification could be changed without any notice depending on manufacturer's situation.

- Two tele-system Boom speed : Boom length / operation time of each cylinder. (simultaneous operation time)

CRANE Option & Function Guide

Category		SS1414	SS1416	SS1924	SS1926	SS1956	SS1966	SS2036	SS2037	SS2274	SS2275	SS2275LB	SS3504	SS3506	SS3506M	SS7506S
Option	Top Seat		○		○	○	○	○	○		○	○		○	○	○
	Two Stage Double Winch Front Outrigger							○	○	○	○	○	○	○	○	○
	Long Front Outrigger	○	○	○	○	○	○								○	
	Middle Outrigger									○	○	○	○	○	○	○
	Extra Boom / Winch						○	○	○		○	○		○	○	○
	Oil Cooler	○	○	○	○	○	○									
	Over winding Alarming Device (ARM)	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
	Over winding Alarm & Limit (OWL)	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
	Overload Limit (OLL)	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
	Hook in	○	○			○										
	Wire Lope Arranger	○	○	○	○	○				○	○	○	○	○		
	AML System						○	○	○		○	○		○	○	○
Function	Two derrick Cylinder			○			○	○	○	○	○	○	○	○	○	○
	Swing Reducer with a Belt-in-Brake	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
	Minus Boom						○	○	○						○	○
	Two Tele - Boom Cylinder															○

* The exter winch cannot be applied to base-contol version.



Innovation Leader DY Corporation

www.machinery.dy.co.kr



DY Crane Global Business

DY's Crane business that helps construct infrastructures continues to develop through the development of new products in which market's requirements are reflected, appropriate business strategies, and advancement into a new market. This business will serve as a global partner for successful business by enlarging the scale of export to North America, CIS, Middle East, and South-East Asia.

Antarctic
Jangbogo base



UN(United Nations
Peace-Keeping
Forces)base



Russia base



Asia
(Thailand, Taiwan,
Indonesia)base



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❖ This product specification could be changed by DY Corporation without notice to improve the quality.

DY CRANE SERIES

SS1414•SS1416

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Outstanding quality and durability coupled with various functions -
Midsized cranes



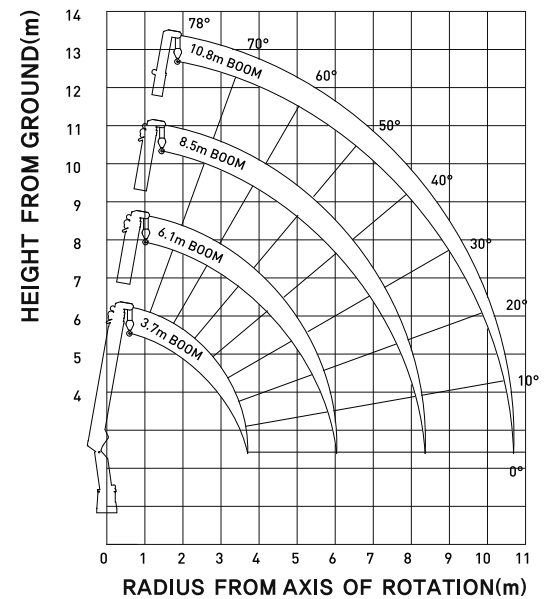
SS1416

STIFF BOOM CRANES Specifications

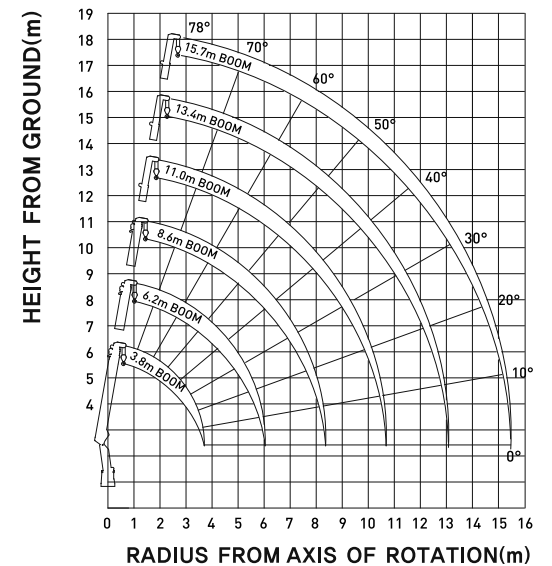
Category	Description	Unit	SS1414	SS1416
Capacity	Max. Lifting Capacity	kg.m	14,000	14,000
	Max. Working Height	m	12.4	17.3
	Max. Working Radius	m	10.6	15.5
	Rated Load (★ : 6S, STD : 4S) (★ : 8S, STD : 6S)	kg / m	★7,000 / 2.0	★7,000 / 2.0
			4,000 / 3.5	3,800 / 3.5
			2,400 / 5.9	2,100 / 5.9
			1,500 / 8.3	1,250 / 8.3
			1,200 / 10.6	950 / 10.7
			-	750 / 13.1
Oil Pump	Rated Oil Flow Volume	l / min	70	70
	Oil Pressure	kgf / cm ²	210	210
	Oil Tank Capacity	l	90	90
Booms & Wires	Boom Type / Sections		Hexa / 4	Hexa / 6
	Boom Extending Speed	m / sec	7.1 / 19	11.9 / 28.6
	Boom Undulation Speed	deg / sec	78 / 21.5	78 / 21.5
	Wire Rope		Φ10 x 90m	Φ10 x 90m
	Winch Speed	m / min	56 / 1 layer	56 / 1 layer
	Swing Angle	deg	360 Swirl	←
	Swing Speed	rpm	2.0	2.0
Outrigger	Outrigger Extend Width	Front	5.7	5.7
		Rear	4.4	4.4
	Outrigger Type	Front	Auto hydraulic	←
		Rear	Auto hydraulic	←
Safety Device	Overload limiter, Over winding device, Alarm device, Hook fixing device, Emergency switch, Swing brake, Winch brake, Counter balance valve, Pilot check valve			

WORKING RANGE DIAGRAM

SS1414



SS1416



Functions & Features

Hook In



All-in-one Main Valve



Main Valve



AML System for Safety Device(Optional)



SS1414



DY CRANE SERIES

www.machinery.dy.co.kr

SS1924·SS1926·SS1956

Splendid performance and most widely used -
Midsized cranes



SS1956

STIFF BOOM CRANES Specifications

Category	Description	Unit	SS1924	SS1926	SS1956
Capacity	Max. Lifting Capacity	kg.m	19,000	19,000	18,000
	Max. Working Height	m	15.9	22.7(25.9, 27.6)	21.9
	Max. Working Radius	m	13	19.8(23.0, 24.8)	19
	Rated Load (★ : 6S, STD : 4S) (★ : 8S, STD : 6S)	kg / m	★7,400 / 2.0	★7,400 / 2.0	★7,850 / 2.0
			3,900 / 4.5	3,900 / 4.7	4,050 / 4.5
			2,100 / 7.6	2,100 / 7.7	2,100 / 7.4
			1,250 / 10.6	1,250 / 10.7	1,300 / 10.3
			850 / 13.6	850 / 13.7	950 / 13.2
			-	600 / 16.8	700 / 16.1
Oil Pump	Rated Oil Flow Volume	l / min	80	80	70
	Oil Pressure	kgf / cm ²	210	210	210
	Oil Tank Capacity	l	100	100	100
Booms & Wires	Boom Type / Sections		Hexa / 4	Hexa / 6	Hexa / 6
	Boom Extending Speed	m / sec	8.9 / 28	15.1 / 36	15.1 / 35
	Boom Undulation Speed	deg / sec	80 / 15	80 / 17	80 / 19
	Wire Rope		Φ10 x 100m	Φ10 x 100m	Φ10 x 100m
	Winch Speed	m / min	56 / 1 layer	56 / 1 layer	56 / 1 layer
	Swing Angle	deg	360 Swirl	←	←
	Swing Speed	rpm	2.5	2.5	2.0
Outrigger	Outrigger Extend Width	Front	5.7	5.7	5.7
		Rear	4.4	4.4	4.4
	Outrigger Type	Front	Auto hydraulic	←	←
		Rear	Auto hydraulic	←	←
Safety Device	Overload limiter, Over winding device, Alarm device, Hook fixing device, Emergency switch, Swing brake, Winch brake, Counter balance valve, Pilot check valve				

Functions & Features

Cushion Device for Extension Cylinder



Two Derricks Cylinder(Except for SS1956)



Derrick Cylinder Increased Durability

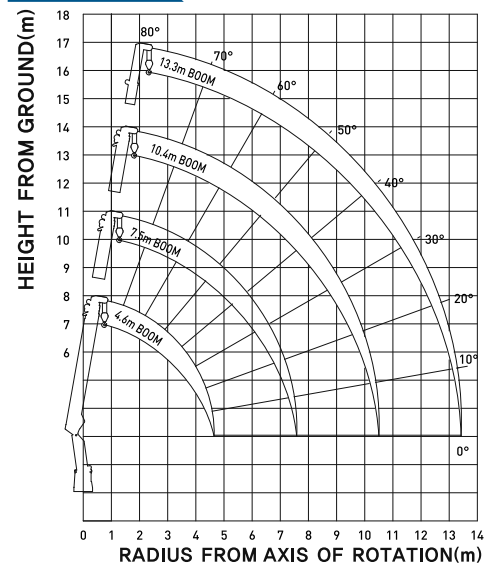


Increased Stability on Turntable

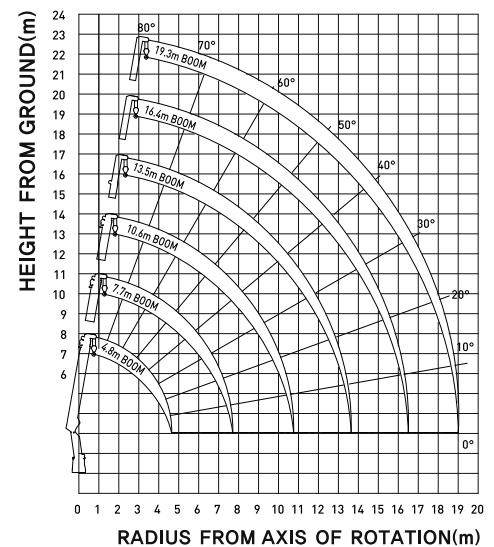


WORKING RANGE DIAGRAM

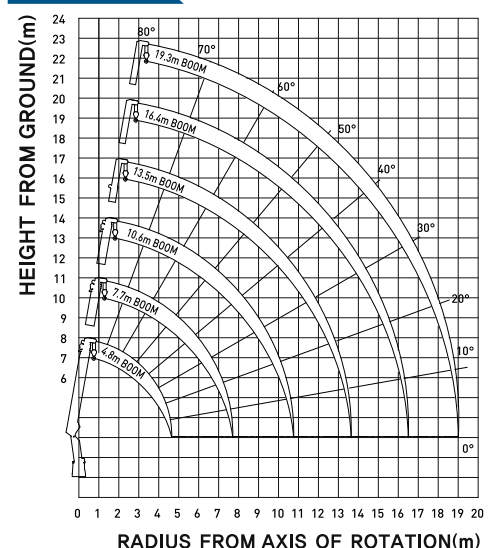
SS1924



SS1926



SS1956



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◆ This product specification could be changed by DY Corporation without notice to improve the quality.

DY CRANE SERIES

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SS1966 • SS2036 • SS2037

Outstanding lifting capacity based on cutting-edge technology -
Midsized cranes



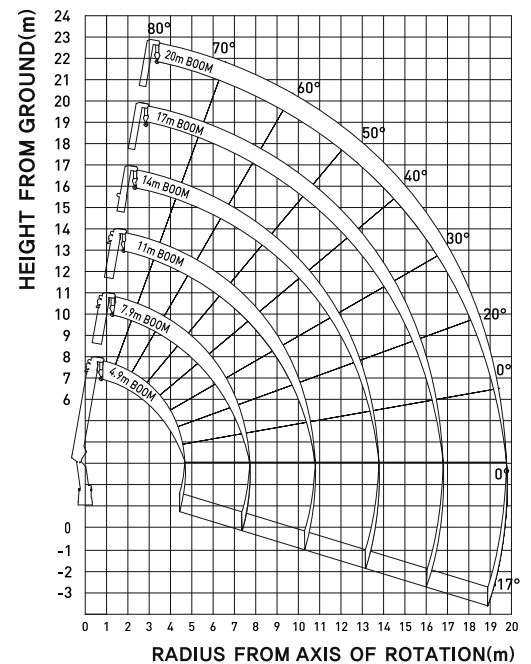
SS2037

STIFF BOOM CRANES Specifications

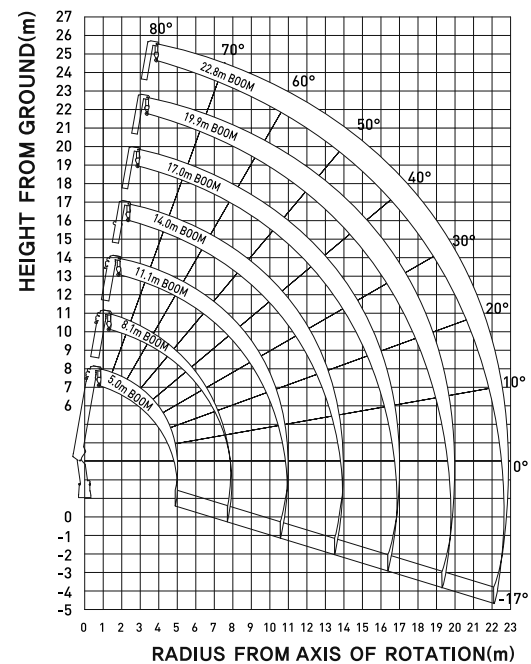
Category	Description	Unit	SS1966	SS2036	SS2037
Capacity	Max. Lifting Capacity	kg.m	19,000	19,000	19,000
	Max. Working Height	m	22.7 (25.9, 27.6)	22.7 (25.9, 27.6)	25.6 (28.8, 30.5)
	Max. Working Radius	m	19.8 (23.0, 24.8)	19.8 (23.0, 24.8)	22.6 (25.8, 27.6)
	Rated Load (★ : 6S, STD : 4S) (★ : 8S, STD : 6S)	kg / m	★8,000 / 2.0	★8,000 / 2.0	★8,000 / 2.0
			3,900 / 4.7	3,900 / 4.7	3,500 / 4.7
			2,100 / 7.7	2,100 / 7.7	1,800 / 7.8
			1,250 / 10.7	1,250 / 10.7	1,000 / 10.8
			850 / 13.7	850 / 13.7	750 / 13.8
			600 / 16.8	600 / 16.8	530 / 16.7
			400 / 19.8	400 / 19.8	250 / 22.6
Oil Pump	Rated Oil Flow Volume	l / min	80	80	80
	Oil Pressure	kgf / cm ²	210	210	210
	Oil Tank Capacity	l	170	170	170
Booms & Wires	Boom Type / Sections		Hexa / 6	Hexa / 6	Hexa / 7
	Boom Extending Speed	m / sec	15.1 / 36	15.1 / 36	17.8 / 36
	Boom Undulation Speed	deg / sec	-17~80 / 19	-17~80 / 19	-17~80 / 18
	Wire Rope		Φ10 x 100m	Φ10 x 100m	Φ10 x 100m
	Winch Speed	m / min	56 / 1 layer	56 / 1 layer	56 / 1 layer
	Swing Angle	deg	360 Swirl	←	←
	Swing Speed	rpm	2.5	2.5	2.5
Outrigger	Outrigger Extend Width	Front	6.1	6.1	6.1
		Rear	4.4	4.4	4.4
	Outrigger Type	Front	Auto hydraulic	←	←
		Rear	Auto hydraulic	←	←
Safety Device	Overload limiter, Over winding device, Alarm device, Hook fixing device, Emergency switch, Swing brake, Winch brake, Counter balance valve, Pilot check valve				

WORKING RANGE DIAGRAM

SS2036



SS2037



Functions & Features

AML System for Safety Device (Option)



Minus Degree Boom



Two stage Double width Front Outrigger (Option)



Two Derrick Cylinders



SS2036



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DY CRANE SERIES

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SS2724·SS2725·SS2725LB

Superior operating efficiency -

Large size cranes



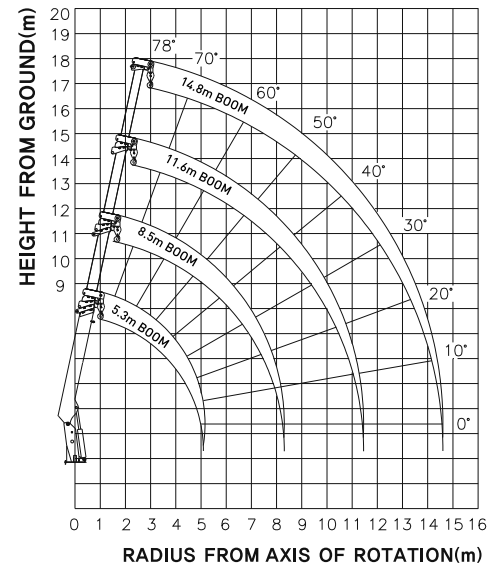
SS2725LB

STIFF BOOM CRANES Specifications

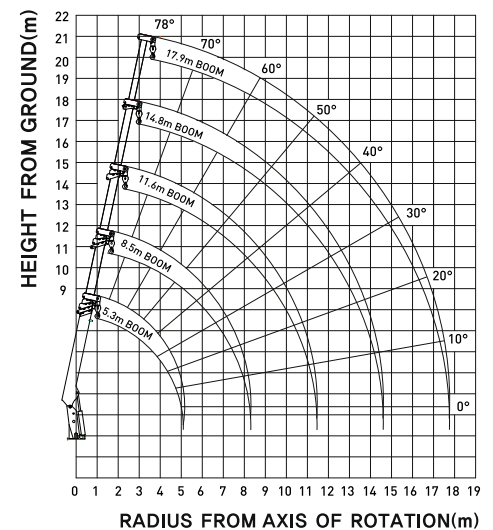
Category	Description	Unit	SS2724	SS2725	SS2725LB
Capacity	Max. Lifting Capacity	kg.m	29,000	29,000	29,000
	Max. Working Height	m	17.9 [21.8]	20.8 [24.7]	23.2 [27.1]
	Max. Working Radius	m	14.5 [18.5]	17.6 [21.6]	20.2 [24.2]
	Rated Load (★ : 6S, STD : 4S) (★ : 8S, STD : 6S)	kg / m	★12,000 / 2.0	★12,000 / 2.0	★12,000 / 2.0
			5,600 / 5.0	5,600 / 5.0	5,500 / 5.4
			3,250 / 8.2	3,250 / 8.2	2,900 / 9.1
			2,350 / 11.3	2,350 / 11.3	1,700 / 12.8
			1,700 / 14.5	1,700 / 14.5	1,250 / 16.5
			-	1,100 / 17.6	950 / 20.2
Oil Pump	Rated Oil Flow Volume	l / min	90 x 90	90 x 90	90 x 90
	Oil Pressure	kgf / cm ²	210	210	210
	Oil Tank Capacity	l	200	200	200
Booms & Wires	Boom Type / Sections		Hexa / 4	Hexa / 5	Hexa / 5
	Boom Extending Speed	m / sec	12.7 / 30	12.7 / 30	14.8 / 35
	Boom Undulation Speed	deg / sec	78 / 18	78 / 18	78 / 18
	Wire Rope		Φ12.5 x 100m	Φ12.5 x 100m	Φ12.5 x 100m
	Winch Speed	m / min	30 / 1 layer	30 / 1 layer	30 / 1 layer
	Swing Angle	deg	360 Swirl	←	←
	Swing Speed	rpm	2.5	2.5	2.5
Outrigger	Outrigger Extend Width	Front	6.2	6.2	6.2
		Rear	5.36	5.36	5.36
	Outrigger Type	Front	Auto hydraulic	←	←
		Rear	Auto hydraulic	←	←
Safety Device	Overload limiter, Over winding device, Alarm device, Hook fixing device, Emergency switch, Swing brake, Winch brake, Counter balance valve, Pilot check valve				

WORKING RANGE DIAGRAM

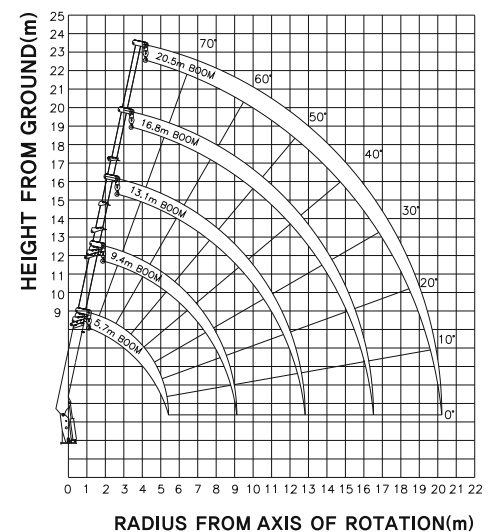
SS2724



SS2725



SS2725LB



Functions & Features

Cushion Device for Extension Cylinder



Extra Winch (option) / STD(X)



H-Type Long Front Outrigger



Two Derrick Cylinders



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Konstantin Kim (jwk2@dy.co.kr)

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DY CRANE SERIES

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SS3504 • SS3506 • SS3506M

Powerful and high performance -
Large size cranes



SS3506

STIFF BOOM CRANES Specifications

Category	Description	Unit	SS3504	SS3506	SS3506M
Capacity	Max. Lifting Capacity	kg.m	45,000	45,000	45,000
	Max. Working Height	m	19.6 [23]	28.7 [32.6]	28.7
	Max. Working Radius	m	17.2 [21.2]	25.2 [29.2]	25.2
	Rated Load (★ : 6S, STD : 4S) (★ : 8S, STD : 6S)	kg / m	★15,000 / 2.0	★15,000 / 2.0	★15,000 / 2.0
			7,500 / 6.0	7,500 / 6.0	7,500 / 6.0
			4,000 / 9.9	4,000 / 9.9	3,850 / 9.9
			2,500 / 13.7	2,500 / 13.7	2,350 / 13.7
			1,750 / 17.6	1,750 / 17.6	1,650 / 17.6
			-	1,300 / 21.4	1,250 / 21.4
			-	10,00 / 25.3	900 / 25.2
Oil Pump	Rated Oil Flow Volume	l / min	126 x 126	126 x 126	88 x 88
	Oil Pressure	kgf / cm ²	210	210	210
	Oil Tank Capacity	l	250	250	250
Booms & Wires	Boom Type / Sections		Hexa / 4	Hexa / 6	Hexa / 6
	Boom Extending Speed	m / sec	19.2 / 48	19.2 / 48	19.2 / 48
	Boom Undulation Speed	deg / sec	80 / 23	80 / 23	-11-80 / 23
	Wire Rope		Φ14 x 100m	Φ14 x 100m	Φ14 x 100m
	Winch Speed	m / min	30 / 1 layer	30 / 1 layer	30 / 1 layer
	Swing Angle	deg	360 Swirl	←	←
	Swing Speed	rpm	2.0	2.0	2.0
Outrigger	Outrigger Extend Width	m	Front 7	7	7
			Rear 5.36	5.36	5.36
	Outrigger Type		Front Auto hydraulic	←	←
			Rear Auto hydraulic	←	←
Safety Device	Overload limiter, Over winding device, Alarm device, Hook fixing device, Emergency switch, Swing brake, Winch brake, Counter balance valve, Pilot check valve				

Functions & Features

Minus Degree Boom (SS3506M)



Expanding Type Middle Outrigger (Option)



Two Derrick Cylinders

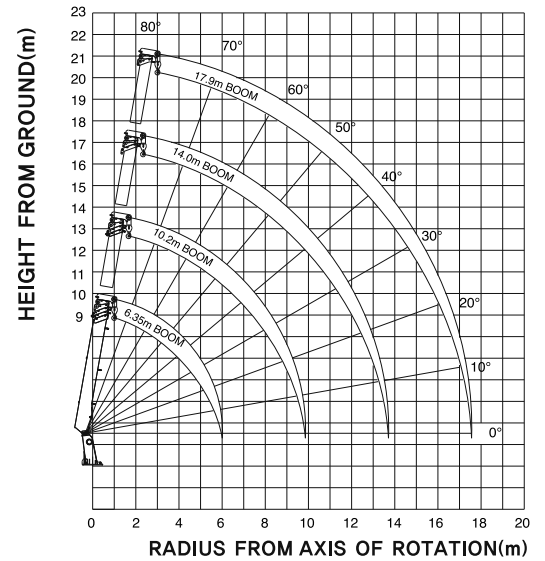


Extra Winch (Option)

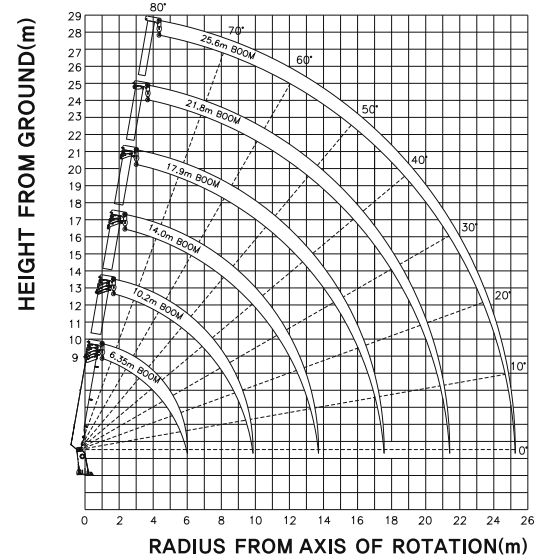


WORKING RANGE DIAGRAM

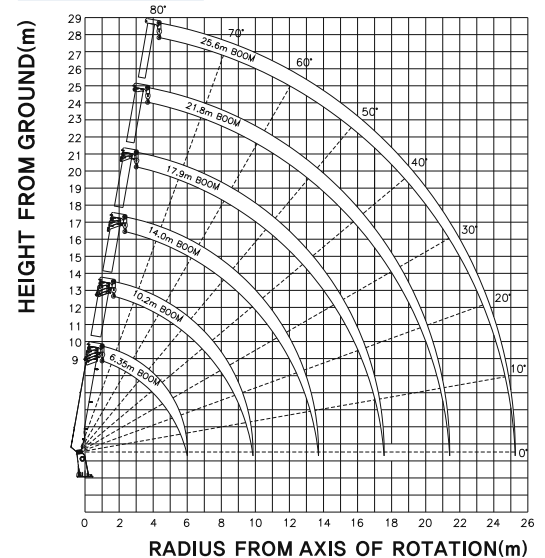
SS3504



SS3506



SS3506M



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DY CRANE SERIES

SS7506S

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Most powerful lifting capacity -

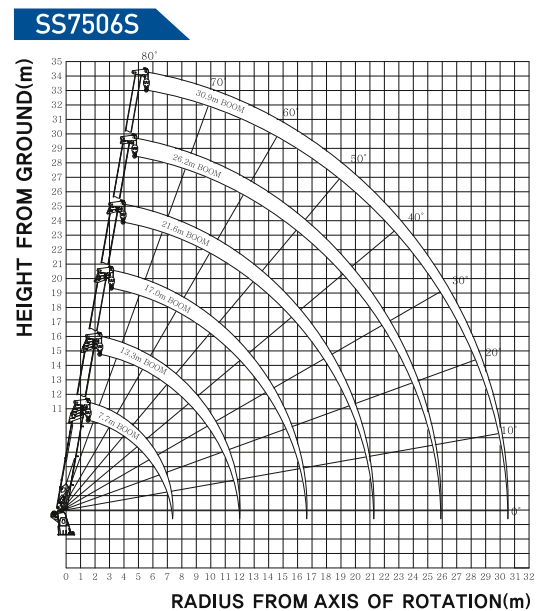
Large size cranes



STIFF BOOM CRANES Specifications

Category	Description	Unit	SS7506S
Capacity	Max. Lifting Capacity	kg.m	70,000
	Max. Working Height	m	34.5
	Max. Working Radius	m	30.5
	Rated Load (★ : 6S, STD : 4S) (★ : 8S, STD : 6S)	kg / m	★20,000 / 2.0
			8,918 / 7.3
			4,702 / 12.0
			2,960 / 16.6
			2,169 / 21.2
			1,658 / 25.9
Oil Pump	Rated Oil Flow Volume	l / min	126 x 126
	Oil Pressure	kgf / cm ²	210
	Oil Tank Capacity	l	250
Booms & Wires	Boom Type / Sections		Hexa / 6
	Boom Extending Speed	m / sec	24 / 49
	Boom Undulation Speed	deg / sec	-10-80 / 30
	Wire Rope		Φ14 x 130m
	Winch Speed	m / min	47.2 / 1 layer
	Swing Angle	deg	360 Swirl
	Swing Speed	rpm	1.5
Outrigger	Outrigger Extend Width	Front	7.9
		Rear	5.43
	Outrigger Type	Front	Auto hydraulic
		Rear	Auto hydraulic
Safety Device	Overload limiter, Over winding device, Alarm device, Hook fixing device, Emergency switch, Swing brake, Winch brake, Counter balance valve, Pilot check valve		

WORKING RANGE DIAGRAM



Functions & Features

Patented Two Tele Boom Cylinders Mechanism (SS7506S)



Two Stage Rear Outriggers



AML System for Safety Device (Option)



Minus Degree Boom



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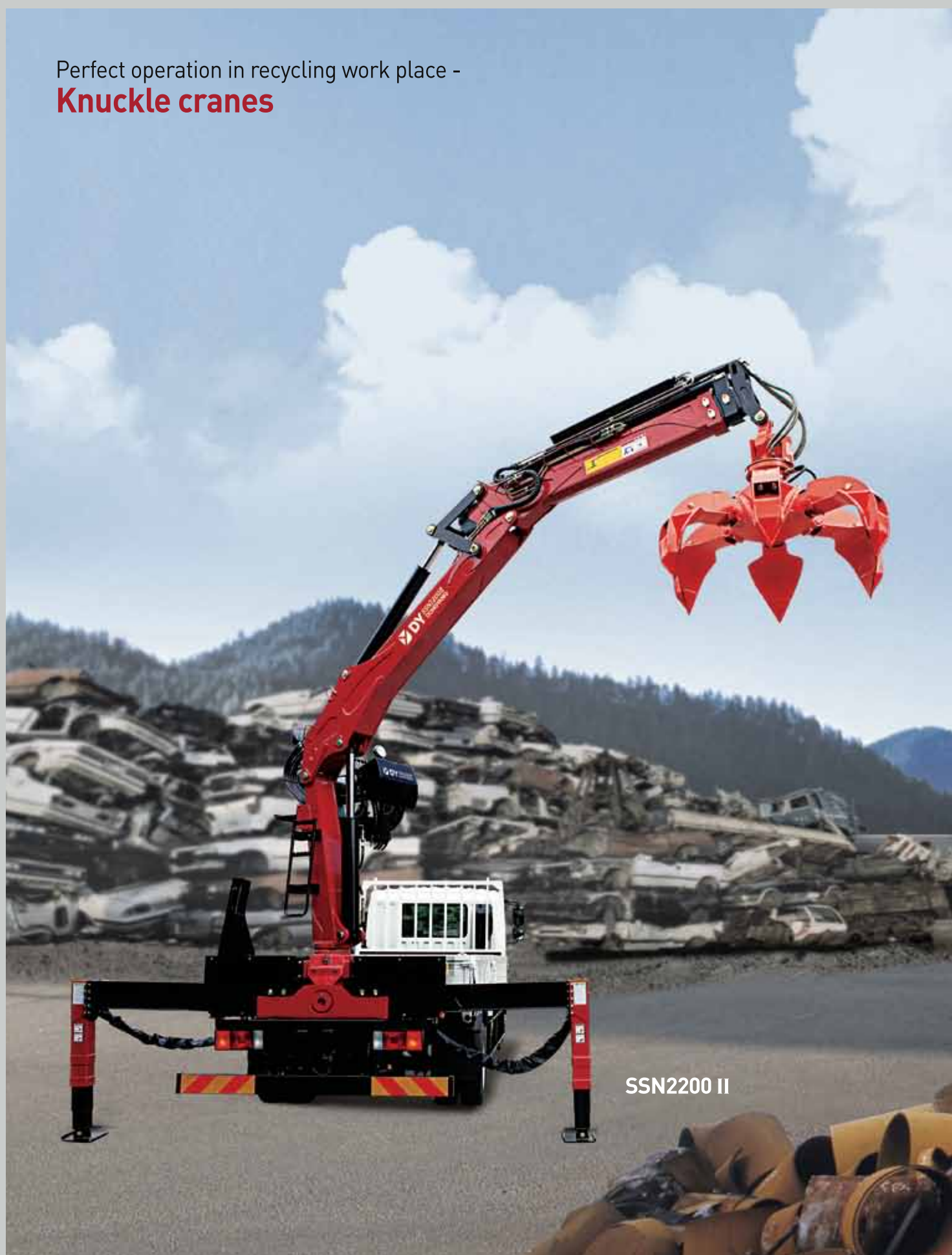
DY KNUCKLE CRANE SERIES

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SSN2200 II • SSN2800 • SSN3000

Perfect operation in recycling work place -

Knuckle cranes



SSN2200 II

SSN2800



KNUCKLE BOOM CRANES Specifications

Category		SSN2200II	SSN2800	SSN3000
Max. lift capacity	ton.m	12.0	13.0	15.0
Max. work height	m	11.3	11.8	12.7
Max. work radius	m	8.0	8.5	9.0
Rate flow rate	cc/rev	63	63	80
Rated pressure	kg/cm ²	250	250	250
Oil tank capacity	L	170	170	200
Boom type	-	Hexagonal Box	Hexagonal Box	Hexagonal Box
Boom stages	-	4 stage deflection	4 stage deflection	4 stage deflection
Extension boom speed	m/sec	3.3 / 6.5	3.3 / 6.5	3.3 / 6.5
Main boom acting angle/speed	°/sec	-35 ~ 78 / 10.5	-35 ~ 80 / 10.5	-38 ~ 76 / 11
Outer boom acting angle/speed	°/sec	145 / 8	145 / 8	143 / 10
Rotating angle	°	415	415	415
Rotating speed	°/sec	35	35	35
Lift weight and distance	kg/m	3,950 / 2.6	4,250 / 3.1	4,500 / 2.9
		2,450 / 4.7	2,560 / 5.2	2,700 / 5.4
		1,750 / 6.35	1,820 / 6.9	1,900 / 7.2
		1,400 / 8.0	1,420 / 8.5	1,500 / 9.0
Safety device		Outrigger check valve Rated fluid volume control valve Excessive load prevention port relief valve		
Options		ROTATOR & GRAPPLE (0.35m ³)	ROTATOR & GRAPPLE (0.35m ³ , 0.45m ³)	ROTATOR & GRAPPLE (0.35m ³ , 0.45m ³)

* Above specification could be changed without any notice depending on manufacturer's situation.
 - Two tele-system Boom speed : Boom length / operation time of each cylinder.
 (simultaneous operation time)

Best-in-class Operating Radius(8m)

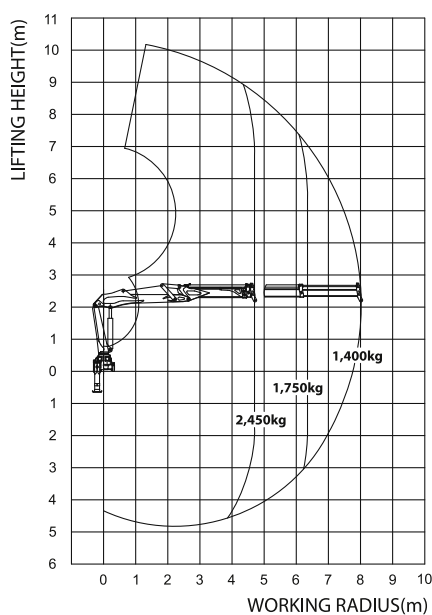


Enlarged Capacity for Outrigger Valve

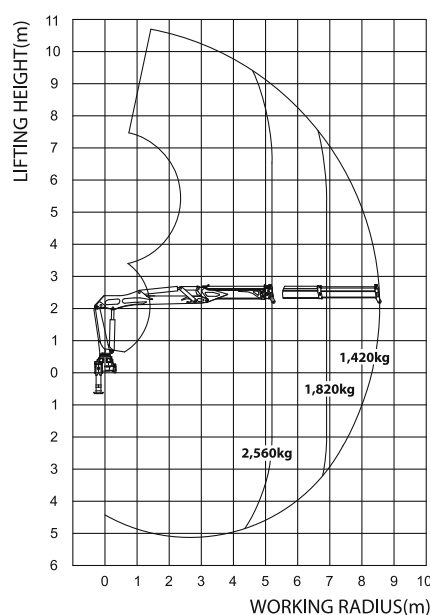


WORKING RANGE DIAGRAM

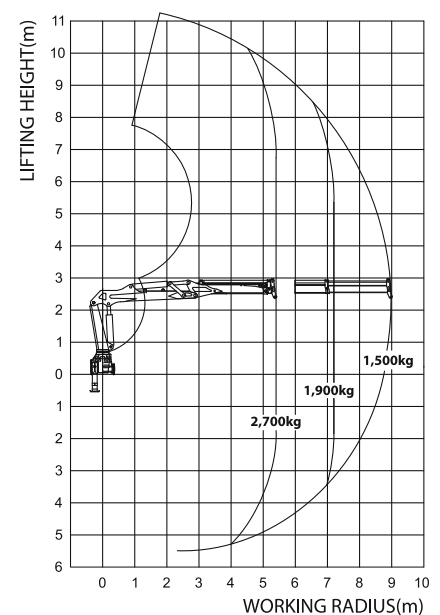
SSN2200II



SSN2800



SSN3000



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 Konstantin Kim(jwk2@dy.co.kr)

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Management Philosophy

Innovation and tradition meet and create the equipment with familiar operational functions but with much different at power, speed, and convenience



BK200

Differentiation of operational functions realizes simple operation, less pressure, and low-heat equipment in extreme hot environment.

BK200



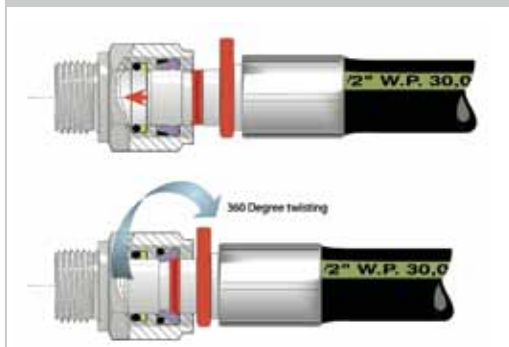
Specifications

Category		BK200
Max. Lifting Moment	ton.m	21
Max. Working Height	m	17.3
Max. Working Radius	m	15.5
Rated Flow	l / min	100
Rated Pressure	kg / cm ²	280
Boom Type		Hexagonal
Slewing Angle	°	410
Lifting Weight / Length	kg / m	2,000 / 10.5
		1,500 / 13.0
		1,400 / 15.5
Crane Weight	kg	3,650

Two Valves on Top Seat



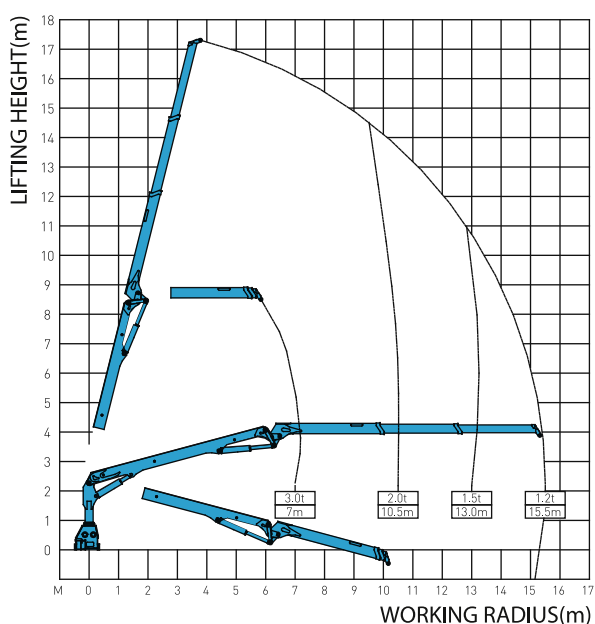
One Touch Hose Connection



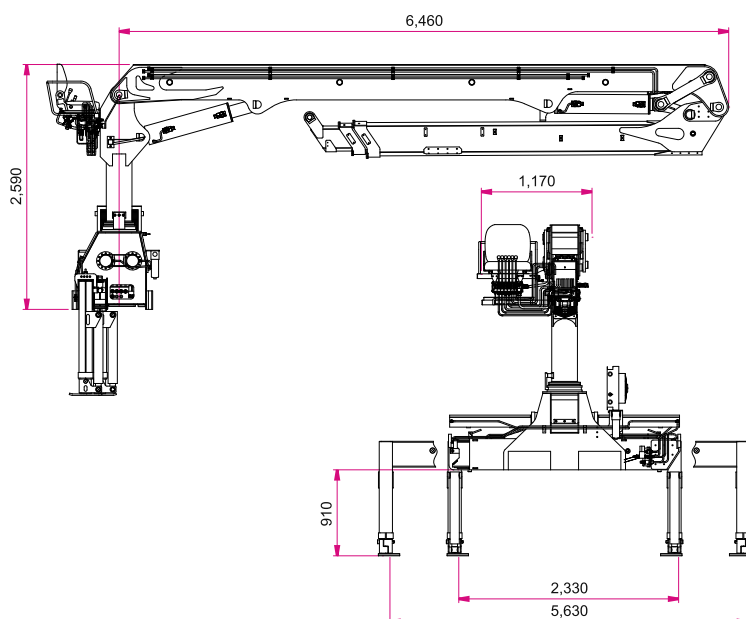
Widely Extended Grapple



WORKING RANGE DIAGRAM



DIMENSIONS



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STATIONARY CRANES

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SS2725LB • SSN2200II • SSN3000 • BK200

Multipurpose for fishery business - **Stationary cranes**

Improving productivity in fishing villages suffered from labor shortage and aging society



Category	Description	Unit	SS2725LB
Capacity	Max. Lifting Capacity	kg.m	29,000
	Max. Working Height	m	23.2 (27.1)
	Max. Working Radius	m	20.2 (24.2)
	Rated Load (★ : 6S, STD : 4S)	kg / m	★12,000 / 2.0
			5,500 / 5.4
			2,900 / 9.1
			1,700 / 12.8
			1,250 / 16.5
			950 / 20.2
Oil Pump	Rated Oil Flow Volume	l / min	90 x 90
	Oil Pressure	kgf / cm ²	210
	Oil Tank Capacity	l	200
Booms & Wires	Boom Type / Sections		Hexa / 5
	Boom Extending Speed	m / sec	14.8 / 35
	Boom Undulation Speed	deg / sec	78 / 18
	Wire Rope		Φ12.5 x 100m
	Winch Speed	m / min	30~60 / 1 layer
	Swing Angle	deg	360 Swirl
	Swing Speed	rpm	2.5
Outrigger	Outrigger Extend Width	Front	6.2
		Rear	5.36
	Outrigger Type	Front	Auto hydraulic
		Rear	Auto hydraulic
Vehicle	Mountable Vehicle	Payload	Over 11ton

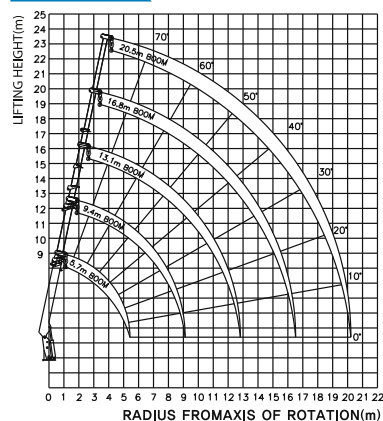
Category		SSN2200II	SSN3000
Max. lift capacity	ton.m	12.0	15.0
Max. work height	m	11.3	12.7
Max. work radius	m	8.0	9.0
Rate flow rate	cc/rev	63	80
Rated pressure	kg/cm ²	250	250
Oil tank capacity	l	170	200
Boom type	-	Hexagonal Box	Hexagonal Box
Boom stages	-	4 stage deflection	4 stage deflection
Extension boom speed	m/sec	3.3 / 6.5	3.3 / 6.5
Main boom acting angle/speed	°/sec	-35 ~ 78 / 10.5	-38 ~ 76 / 11
Outer boom acting angle/speed	°/sec	145 / 8	143 / 10
Rotating angle	°	415	415
Rotating speed	°/sec	35	35
Lift weight and distance	kg/m	3,950 / 2.6	4,500 / 2.9
		2,450 / 4.7	2,700 / 5.4
		1,750 / 6.35	1,900 / 7.2
		1,400 / 8.0	1,500 / 9.0
Safety device	-	Outrigger check valve Rated fluid volume control valve Excessive load prevention port relief valve	
Options	-	ROTATOR & GRAPPLE [0.35m ³]	ROTATOR & GRAPPLE [0.35m ³ , 0.45m ³]

* Above specification could be changed without any notice depending on manufacturer's situation.

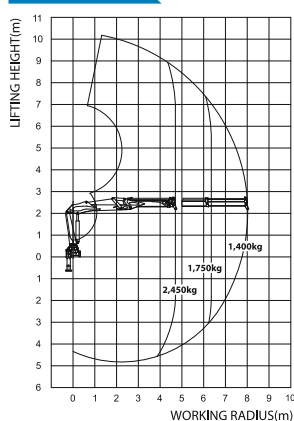
- Two tele-system Boom speed : Boom length / operation time of each cylinder. (simultaneous operation time)

WORKING RANGE DIAGRAM

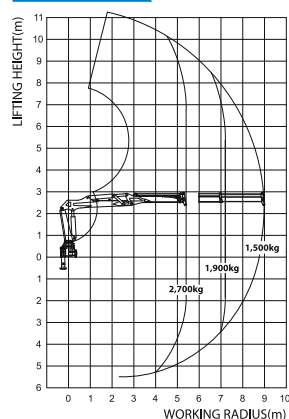
SS2725LB



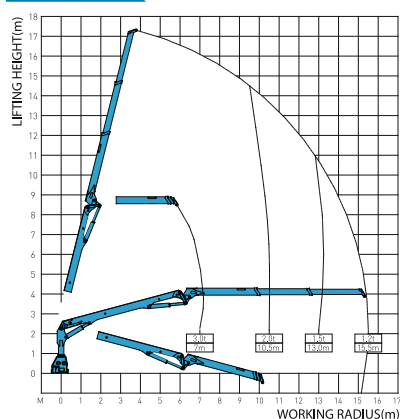
SSN2200II



SSN3000



BK200



Category		BK200
Max. Lifting Moment	ton.m	21
Max. Working Height	m	17.3
Max. Working Radius	m	15.5
Rated Flow	l / min	100
Rated Pressure	kg / cm ²	280
Boom Type		Hexagonal
Slewing Angle	°	410
Lifting Weight / Length	kg / m	2,000 / 10.5
		1,500 / 13.0
		1,400 / 15.5
Crane Weight	kg	3,650



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