

CRANE & STACKER

“Self-Rendering of All Parts”

Korea Crane Engineering remains true to its principles
Product information / Technical data





"From the very first contact to one part, our team has the complete range of services tailored for you"

Korea Crane Engineering is best known for its ability to custom build products to meet the specific needs of each application. We are made up of veterans with years of experience in this field, hoist and crane. We are constantly updated with the latest market products, solutions and technologies, enabling us to provide solutions to suit all varieties of industrial lifting and handling systems. Based upon your lifting requirement and budget, we can offer either economical packaged equipment or custom engineered overhead lifting equipment. We are experts in applying the correct engineered equipment for your company's specific application. Through analyzing customer's request, we are trying to do our best to provide the best result. It has the expertise to address customers' lifting needs by providing solutions adapted to their particular situation.

Our sales and technical team will always provide quotation and information on the most appropriate and technically correct solution from our products to suit your purpose.

Korea Crane Engineering promises to provide the best service and product with customers.



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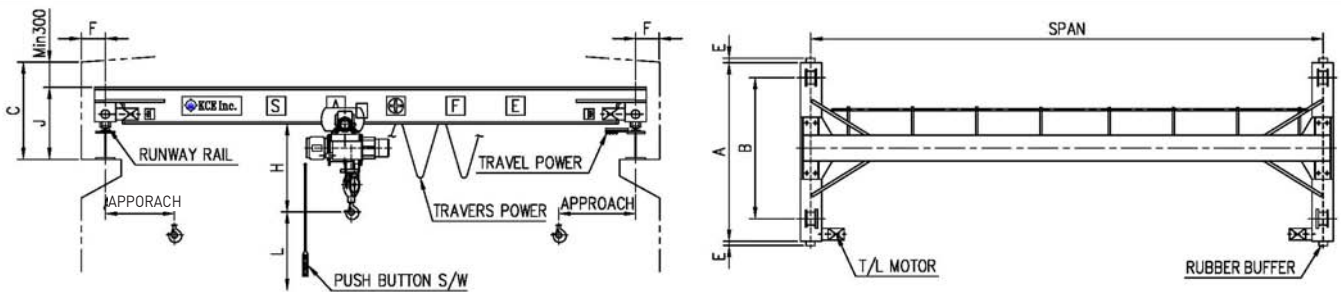
CRANE COMPONENT

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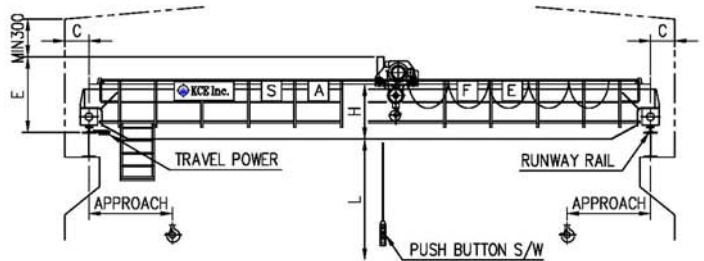
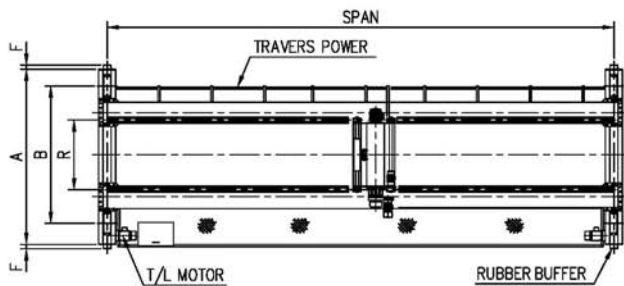
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Top-Running Single Girder Crane



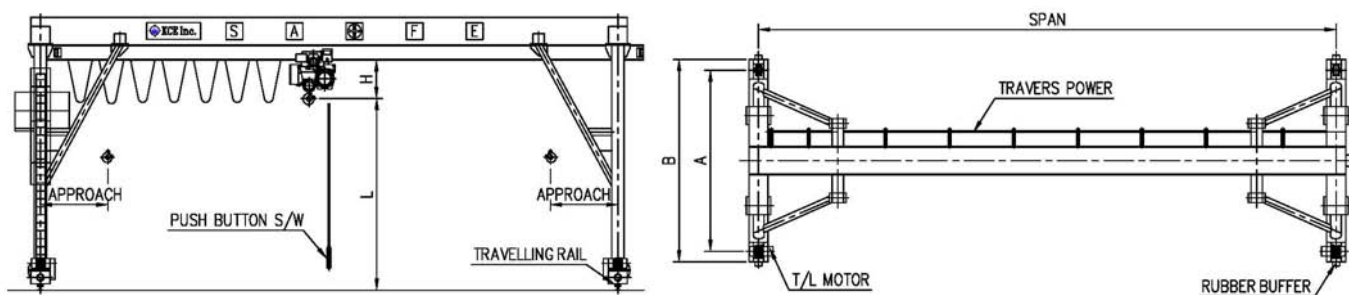
Capacity (ton)	Span (m)	Lift L (mm)	Speed(m/min) / Motor(kW)			Dimension (mm)							Travelling Wheel (mm ϕ)	Runway Rail (kg/m)									
			Hoisting	Traversing	Travelling	H	A	B	C	E	F	J											
0.5	9	6 or 12	12/1.2 or 6/0.6	24/0.4 or 16/0.2	24/0.75x2 or 16/0.5x2	705	1940	1500	1100	60	250	650	160	15									
	12						2440	2000	1300														
	15						2940	2500															
	18						3440	3000	800														
	21						3940	3500															
	24						4440	4000															
1	9		12/2.4 or 6/1.2	24/0.75 or 16/0.5		815	1940	1500	1100			650											
	12						2440	2000	1300														
	15						2940	2500															
	18						3440	3000	900														
	21						3940	3500															
	24						4440	4000															
2	9		10/3.7 or 5/1.8	24/0.75 or 16/0.5		980	1940	1500	1200			700											
	12						2440	2000	1300														
	15						2940	2500															
	18						3440	3000	900														
	21						3940	3500															
	24						4440	4000															
3	9		9/5.5 or 4.5/2.8	24/0.75 or 16/0.5		1115	1940	1500	1200			700											
	12						2440	2000	1300														
	15						2940	2500															
	18						3500	3000															
	5						9	5.6/5.5 or 4.2/4.2	15/0.75x2 or 10/0.5x2			1325			2000	1500	1200	900			200		
							12								2500	2000	1300						
15			3000	2500																			
10			9	4.5/9 or 3/6			1565						2050	1500	1200	900			250	22			
	12		2550					2000	1400														
	15		3050					2500	1500														

Top-Running Double Girder Crane



Capacity (ton)	Span (m)	Lift L (mm)	Speed(m/min) / Motor(kW)			Dimension (mm)							Travelling Wheel (mm ϕ)	Runway Rail (kg/m)		
			Hoisting	Traversing	Travelling	H	A	B	C	E	F	R				
3	11	12	9/5.5 or 4.5/2.8	24/0.75 or 16/0.5	24/0.75x2 or 16/0.5x2	415	2440	2000	250	1200	60	950	160	15		
	15				3000		2500	200								
	18				30/1.5x2 or 20/1.0x2		3550	3000					250	22		
	21						4050	3500								
	24						4550	4000								
	27						5050	4500								
5	15		5.6/5.5 or 4.2/4.2	24/0.75 or 16/0.5	30/1.5x2 or 20/1.0x2	510	3050	2500		1700	1150	315				
	18						3550	3000				100	400			
	21						4050	3500					315			
	24						4600	4000				400				
	27						5100	4500	400							
	30						30/2.2x2 or 20/1.5x2	5850	5000	100		400				
10	15		4.5/9 or 3/6	15/0.75 or 10/0.5	30/1.5x2 or 20/1.0x2	775	3100	2500	350	1900	60	1200	315	22 30		
	18				30/2.2x2 or 20/1.5x2		3600	3000					400		100	500
	21						4350	3500						600		
	24						4850	4000								2300
	27						5350	4500						2300		
	30				5850		5000	2300					400			
15	15		4.5/13 or 3/8.5	15/1.5 or 10/1.0	30/2.2x2 or 20/1.5x2	995	3150			2800	400	2300		100		2300
	18						3850	3000		600			630			
	21						4350	3500							2300	
	24				4850		4000	2300		400						
	27				5450		4500		2300				400			
	30				6000		5000	2300		400						
20	15		4.2/17 or 2.8/11.5	15/1.5x2 or 10/1.0x2	30/2.2x2 or 20/1.5x2	1175	3850		3000			400	2300	100	2300	400
	21				4450		3500	600	630							
	24				4950		4000			2300						400
	27				5500		4500	2300	400							
	30				6000		5000			2300	400					
	30				9.5		2.8/17 or 1.8/11.5	15/1.5x2 or 10/1.0x2	30/2.2x2 or 20/1.5x2							1480
15		5000	4000	630												
27		5500	4500		630											
30		6000	5000	630												

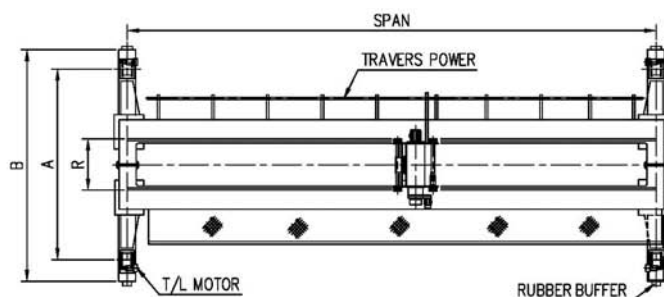
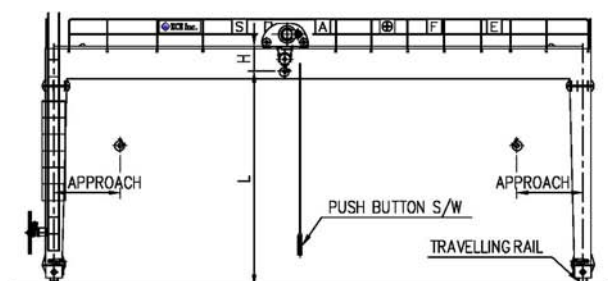
Single Girder Gantry Crane



Capacity (ton)	Span (m)	Lift L (mm)	Speed(m/min) / Motor(kW)			Dimension (mm)			Travelling Wheel (mm ϕ)	Runway Rail (kg/m)
			Hoisting	Traversing	Travelling	H	A	B		
1	7.5	6 or 12	12/1.2 or 6/0.6	24/0.4 or 16/0.2	24/0.75x2 or 16/0.5x2	815	3500 ~ 5000	4000 ~ 5500	200	15 22
	9									
	12									
	15									
	18									
	21									
2	7.5		10/3.7 or 5/1.8	24/0.75 or 16/0.5	30/1.5x2 or 20/1.0x2	980	3500 ~ 5050	4050 ~ 5600	250	22 30
	9									
	12									
	15									
	18									
	21									
3	7.5		9/5.5 or 4.5/2.8	24/0.75 or 16/0.5	24/0.75x2 or 16/0.5x2	1115	3500 ~ 5000	4000 ~ 5500	200	250
	9									
	12									
	15									
	18									
	21									
5	9	5.6/5.5 or 4.2/4.2	15/0.75x2 or 10/0.5x2	30/1.5x2 or 20/1.0x2	1325	4000 ~ 5050	4050 ~ 5600	315	30 37	
	12									
	15									
10	9	12	4.5/9 or 3/6	15/0.75x2 or 10/0.5x2	1565	4000 ~ 5000	4600 ~ 5600	315	30 37	
	12									
	15									



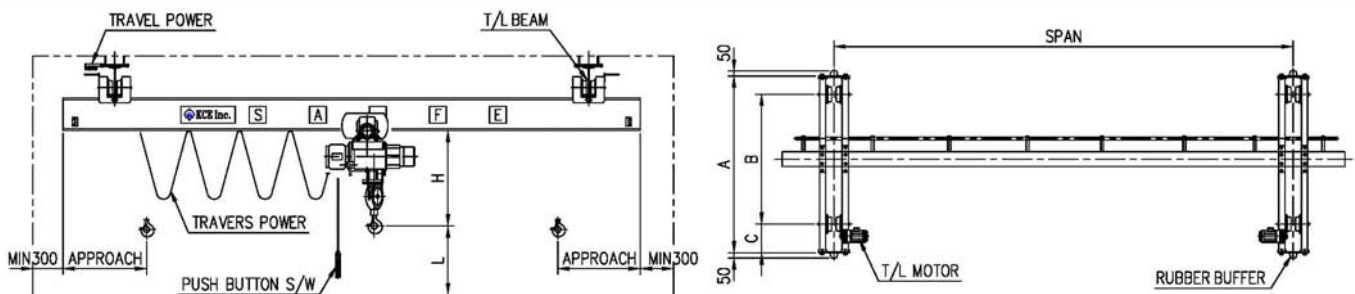
Double Girder Gantry Crane



Capacity (ton)	Span (S) (m)	Lift L (mm)	Speed(m/min) / Motor(kW)			Dimension (mm)				Travelling Wheel (mm ϕ)	Runway Rail (kg/m)					
			Hoisting	Traversing	Travelling	H	R	A	B							
3	15	12	9/5.5 or 4.5/2.8	24/0.75 or 16/0.5	30/1.5x2 or 20/1.0x2	415	950	4000 ~ 5000	4550 ~ 5550	250	22 30					
	5.6/5.5 or 4.2/4.2											510	1150			
						4.5/9 or 3/6	15/0.75 or 10/0.5							775	1150	4000 ~ 5000
4.5/13 or 3/8.5			15/1.5 or 10/1.0	30/2.2x2 or 20/1.5x2	995			1200	4000 ~ 6000	4950 ~ 6950						
	4.2/17 or 2.8/11.5											30/3.7x2 or 20/2.2x2	1175			1300
						2.8/17 or 1.8/11.5	15/1.5x2 or 10/1.0x2							1480	1800	
3.2/33			15/2.2x2 or 10/1.5x2	30/3.7x4 or 20/2.2x4	1680			2300	6000 ~ 7000	7000 ~ 8000	500x8 630x8					
	9											13	18			25
						10	12.5							15	17.5	
10			12.5	15	17.5			20								
	10								12.5	15	17.5	20				
						10	12.5						15	17.5	20	
10			12.5	15	17.5			20								
	10								12.5	15	17.5	20				
						10	12.5						15	17.5	20	
10			12.5	15	17.5			20								
	10								12.5	15	17.5	20				
						10	12.5						15	17.5	20	
10			12.5	15	17.5			20								
	10								12.5	15	17.5	20				
						10	12.5						15	17.5	20	
10			12.5	15	17.5			20								
	10								12.5	15	17.5	20				
						10	12.5						15	17.5	20	
10		12.5	15	17.5	20											
	10							12.5	15	17.5	20					
						10	12.5					15	17.5	20		
10		12.5	15	17.5	20											
	10							12.5	15	17.5	20					
						10	12.5					15	17.5	20		
10		12.5	15	17.5	20											
	10							12.5	15	17.5	20					
						10	12.5					15	17.5	20		
10		12.5	15	17.5	20											
	10							12.5	15	17.5	20					
						10	12.5					15	17.5	20		
10		12.5	15	17.5	20											
	10							12.5	15	17.5	20					
						10	12.5					15	17.5	20		
10		12.5	15	17.5	20											
	10							12.5	15	17.5	20					
						10	12.5					15	17.5	20		
10		12.5	15	17.5	20											
	10							12.5	15	17.5	20					
						10	12.5					15	17.5	20		
10		12.5	15	17.5	20											
	10							12.5	15	17.5	20					
						10	12.5					15	17.5	20		
10		12.5	15	17.5	20											
	10							12.5	15	17.5	20					
						10	12.5					15	17.5	20		
10		12.5	15	17.5	20											
	10							12.5	15	17.5	20					
						10	12.5					15	17.5	20		
10		12.5	15	17.5	20											
	10							12.5	15	17.5	20					
						10	12.5					15	17.5	20		
10		12.5	15	17.5	20											
	10							12.5	15	17.5	20					
						10	12.5					15	17.5	20		
10		12.5	15	17.5	20											
	10							12.5	15	17.5	20					
						10	12.5					15	17.5	20		
10		12.5	15	17.5	20											
	10							12.5	15	17.5	20					
						10	12.5					15	17.5	20		
10		12.5	15	17.5	20											
	10							12.5	15	17.5	20					
						10	12.5					15	17.5	20		
10		12.5	15	17.5	20											
	10							12.5	15	17.5	20					
						10	12.5					15	17.5	20		
10		12.5	15	17.5	20											
	10							12.5	15	17.5	20					
						10	12.5					15	17.5	20		
10		12.5	15	17.5	20											
	10							12.5	15	17.5	20					
						10	12.5					15	17.5	20		
10		12.5	15	17.5	20											
	10							12.5	15	17.5	20					
						10	12.5					15	17.5	20		
10		12.5	15	17.5	20											
	10							12.5	15	17.5	20					
						10	12.5					15	17.5	20		
10		12.5	15	17.5	20											



Under-Running Single Girder Crane



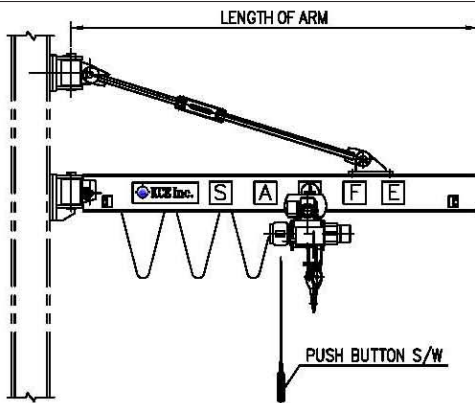
Capacity (ton)	Span (m)	Lift L (mm)	Speed(m/min) / Motor(kW)			Dimension (mm)				Travelling Wheel (mm ϕ)	Runway Rail (mm)	
			Hoisting	Traversing	Travelling	H	A	B	C			
0.5	7.5	6 or 12	12/1.2 or 6/0.6	24/0.4 or 16/0.2	22/0.75x2 or 15/0.5x2	705	1650	1250	280	125	I-BEAM 200x100x7t 250x125x7.5t 300x150x10t	
	9						1900	1500				
	12						2400	2000				
	15						2900	2500				
	18						3400	3000				
	21						3900	3500				
1	7.5		12/1.2 or 6/0.6			24/0.75 or 16/0.5	815	1650				1250
	9							1900				1500
	12							2400				2000
	15							2900				2500
	18							3400				3000
	21							3900				3500
2	7.5		10/3.7 or 5/1.8	24/0.75 or 16/0.5		980	1650	1250				
	9						1900	1500				
	12						2400	2000				
	15						2900	2500				
	18						3400	3000				
	21						3900	3500				
3	7.5		9/5.5 or 4.5/2.8	24/0.75 or 16/0.5		1115	1650	1250				
	9						1900	1500				
	12						2400	2000				
5	7.5		5.6/5.5 or 4.2/4.2	24/0.75 or 16/0.5		1325	2000	1500	350	160		
	9											



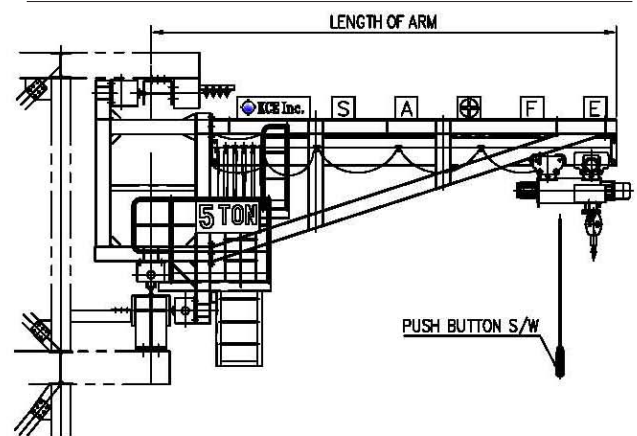
Jib Crane



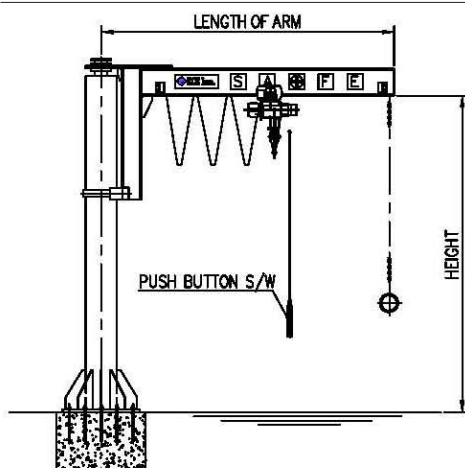
1. Wall Fixed Jib Crane



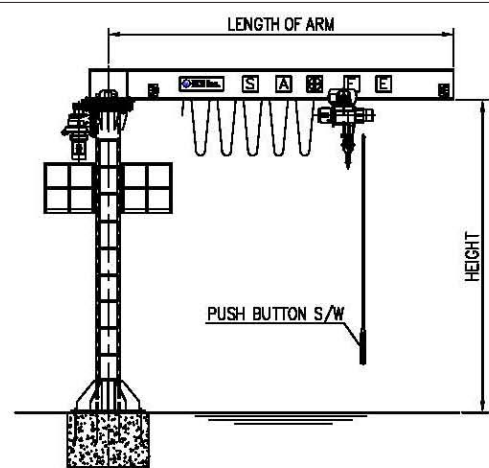
2. Wall Travelling Jib Crane



3. Pillar-Mounted Slewing Jib Crane(A)



4. Pillar-Mounted Slewing Jib Crane(B)



Wall Fixed Jib Crane		
Capacity	0.5ton~3ton	
Working Area	min.	0.8m
	max.	6m
Traversing Speed	16m/min	
Slewing	speed	Manual
	angle	180°

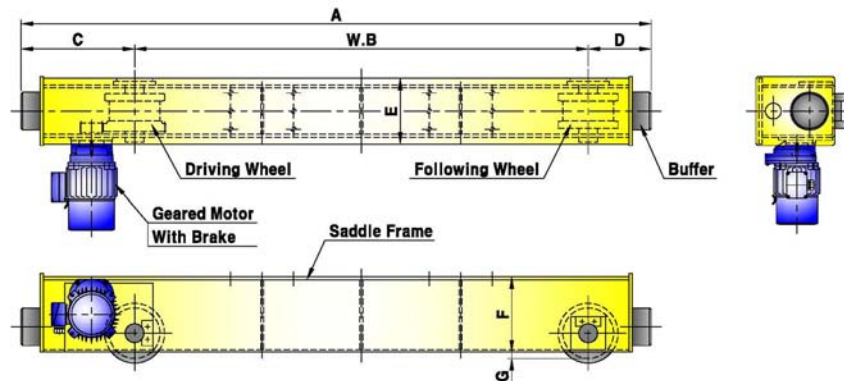
Wall Travelling Jib Crane		
Capacity	0.5ton~10ton	
Working Area	min.	0.8m
	max.	6m
Traversing Speed	16m/min	
Travelling Speed	16m/min	

Pillar-Mounted Slewing Jib Crane(A)		
Capacity	0.5ton~3ton	
Working Area	min.	0.8m
	max.	6m
Traversing Speed	16m/min	
Slewing	speed	Manual
	angle	360°
Height of Post	Max. 10m	

Pillar-Mounted Slewing Jib Crane(B)		
Capacity	0.5ton~10ton	
Working Area	min.	0.8m
	max.	6m
Traversing Speed	16m/min	
Slewing	speed	0.5rpm
	angle	360°
Height of Post	max. 10m	

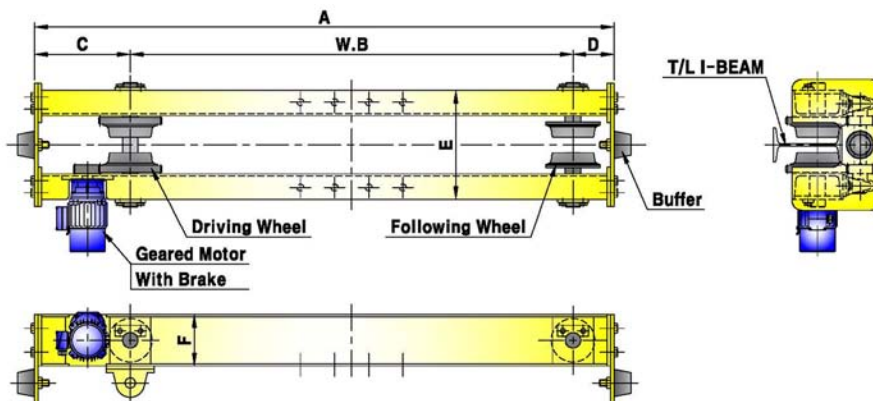
CRANE COMPONENT : SADDLE

Over Head Type Saddle



Wheel Diameter (mm)	Speed (m/min)		Motor (kWxP)	Rail (kg/m)	A	W.B	C	D	E	F	G
160	High	50(Hz)	20	15, 22	2060 - 3560	1500 - 3000	360	200	210	240	20
		60(Hz)	24								
	Low	50(Hz)	13								
		60(Hz)	16								
200	High	50(Hz)	20	15, 22	2120 - 3620	1500 - 3000	360	260	210	300	20
		60(Hz)	24								
	Low	50(Hz)	13								
		60(Hz)	16								
250	High	50(Hz)	25	22, 30	2170 - 3670	1500 - 3000	390	280	210	350	20
		60(Hz)	30								
	Low	50(Hz)	17								
		60(Hz)	20								
315	High	50(Hz)	25	22, 30	2220 - 3720	1500 - 3000	410	310	260	400	20
		60(Hz)	30								
	Low	50(Hz)	17								
		60(Hz)	20								

Suspension Type Saddle



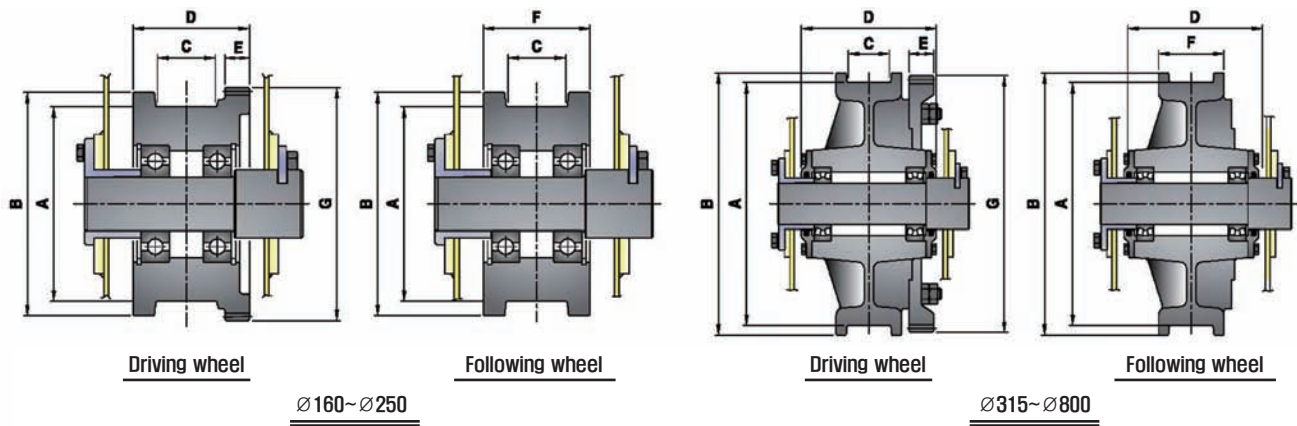
Wheel Diameter (mm)	Speed (m/min)			Motor (kWxP)	A	W.B	C	D	E	F	Travelling I-Beam (mm)
125	High	50(Hz)	18	0.75x4	1520	1000	340	180	320	150	I-200x100x7t I-250x125x7.5t I-300x150x10t I-400x150x10t
		60(Hz)	22		-	-			345		
	Low	50(Hz)	13	0.5x6	2270	1750			370		
		60(Hz)	15		370						
160	High	50(Hz)	18	0.75x4	1620	1000	410	210	361	200	I-250x125x7.5t I-300x150x10t I-400x150x10t I-450x175x13t
		60(Hz)	22		-	-			386		
	Low	50(Hz)	13	0.5x6	2370	1750			386		
		60(Hz)	15		411						
180	High	50(Hz)	20	1.5x4	1620	1000	410	210	395	250	I-250x125x7.5t I-300x150x10t I-400x150x10t I-450x175x13t
		60(Hz)	23		-	-			420		
	Low	50(Hz)	13	1.0x6	2370	1750			420		
		60(Hz)	15		445						

Note : - Please make a contact about non-standard type.



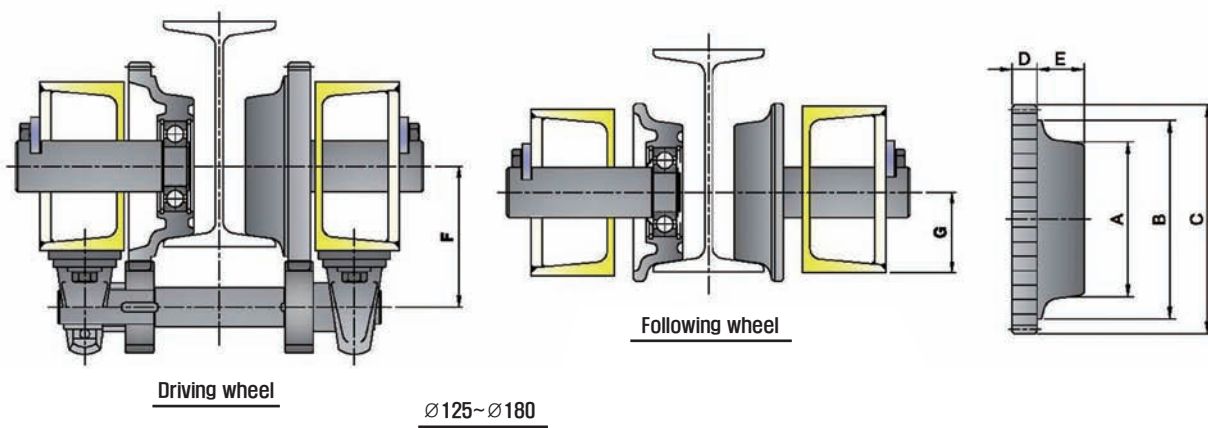
CRANE COMPONENT : TRAVELLING WHEEL

Overhead Type Wheel



Wheel										Gear		Pinion		Application	Weight
A(mm)	B(mm)	C(mm) (15/30 kg/m)	D(mm)	E(mm)	F(mm)	G(mm)	Bearing	Material		Module & Teeth	Material	Module & Teeth	Material	Motor(kWxP)	4ea (kg)
160	190	63/72	120	25	110	200	6310ZZ	S45C		M4x48T	S45C	M4x16T	S45CN (Hs 55~60)	0.5x6/0.75x4	160
200	230	63/72	120	25	110	240	6311ZZ			M4x58T		M4x16T			230
250	280	63/72	120	25	110	295	6312ZZ			M5x57T		M5x15T		1.0x6/1.5x4	330
315	355	63/72	176	30	127	360	#22213	SCMn2A		M5x70T	SC49	M5x15T			440
400	440	85	260	50	130	432	#22215			M6x70T		M6x19T		1.5x6/2.2x4	750
500	540	90	278	50	135	528	#22217			M6x86T		M6x19T			1140
630	670	90	304	60	135	680	#22220			M8x83T		M8x16T		2.2x6/3.7x4	1490
710	750	90	324	60	135	730	#22222			M10x71T		M10x12T		3.7x6/5.5x4	1810
800	840	90	350	70	140	820	#22224			M10x80T		M10x12T			2560

Suspension Type Wheel

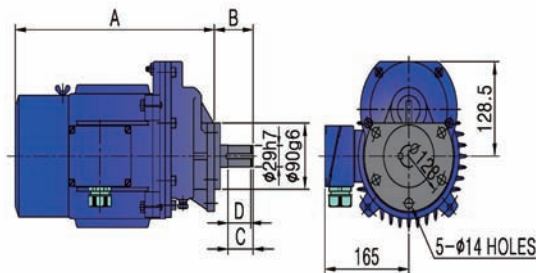


Wheel										Gear		Pinion		Application	Weight
A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	F(mm)	G(mm)	Bearing	Material		Module & Teeth	Material	Module & Teeth	Material	Motor(kWxP)	4ea (kg)
125	160	185	20	38	125	75	6207ZZ	S45CN		M4x43T	S45CN	M4x17T	S45CN (Hs 55~60)	0.5x6/0.75x4	95
160	200	239	20	54	150	100	6209ZZ			M4x56T		M4x17T			200
180	220	248	25	64	161.5	100	6212ZZ			M5x49T		M5x14T		1.0x6/1.5x4	255

CRANE COMPONENT : GEARED MOTOR

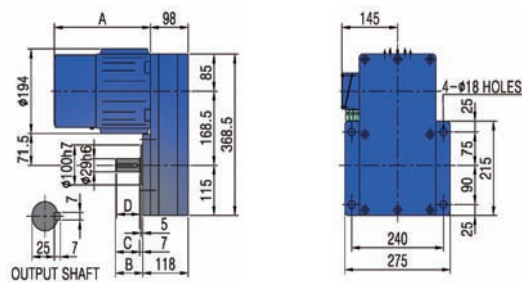
Geared Motor

A-Type



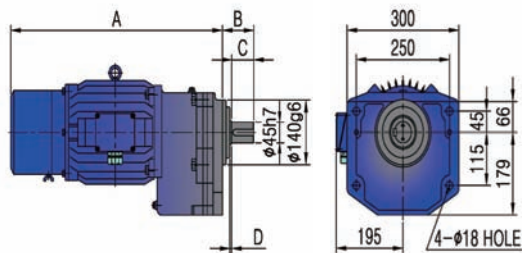
Dim. \ Cap.	0.5KW x 6P 0.75KW x 4P	1KW x 6P 1.5KW x 4P
A	336	371
B	56.5	77.5
C	29	34
D	25	30
Reduce Ratio	1/8.4, 1/12.12, 1/16.3	

B-Type



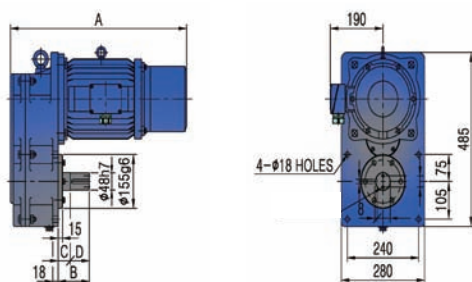
Dim. \ Cap.	0.5KW x 6P 0.75KW x 4P	1KW x 6P 1.5KW x 4P
A	215	250
B	71	71
C	64	64
D	60	60
Reduce Ratio	1/12.4, 1/16.3, 1/22	

C-Type



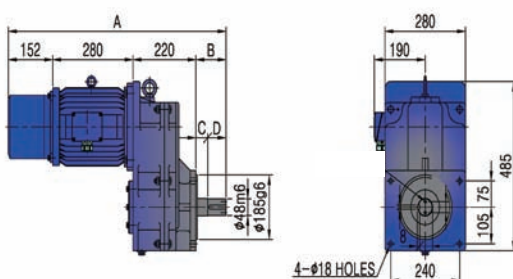
Dim. \ Cap.	1.5KW x 6P, 2.2KW x 4P
A	565
B	84
C	59
D	5
Reduce Ratio	1/20.26

D-Type



Dim. \ Cap.	2.2KW x 6P, 3.7KW x 4P 5.5KW x 4P
A	592
B	105
C	41
D	64
Reduce Ratio	1/22

E-Type



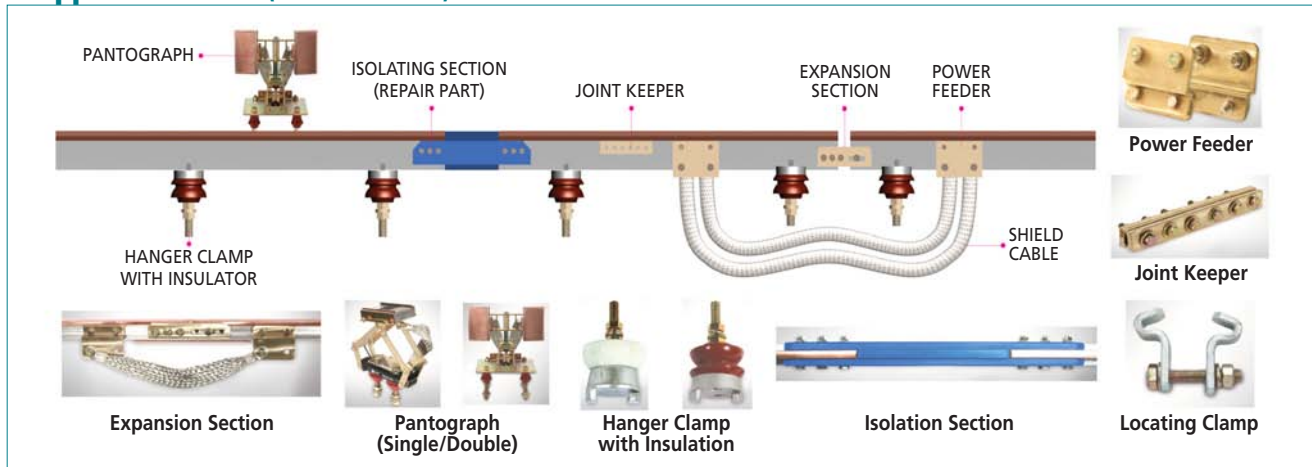
Dim. \ Cap.	2.2KW x 6P, 3.7KW x 4P 5.5KW x 4P
A	757
B	105
C	41
D	64
Reduce Ratio	1/22

Feature 1) Geared Motor with high standard Gear guarantees quiet operation and comfortable work environment.
2) The user can choose the single speed or the double speed according to purpose of usage.

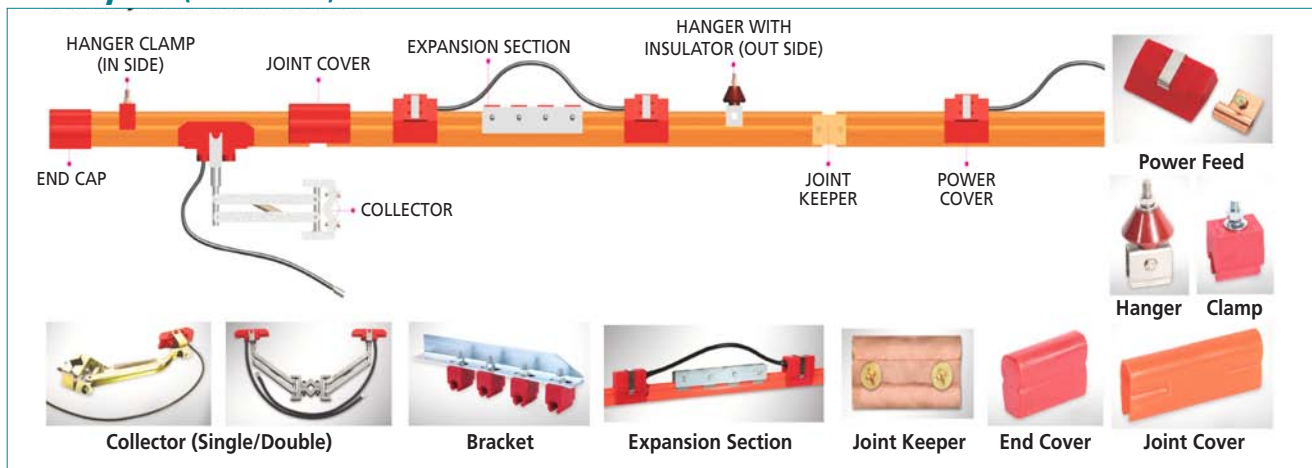
CRANE COMPONENT : TRAVELLING POWER

Trolley Bar & Track Assembly

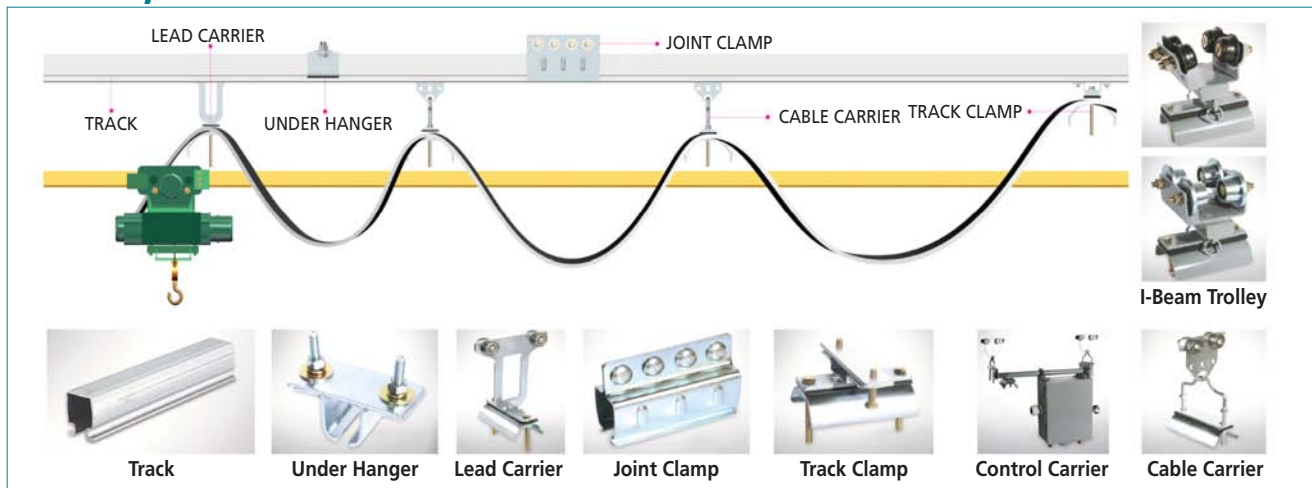
Copper Head Rail (300A~2000A)



Trolley Bar (60A~500A)



Festoon System



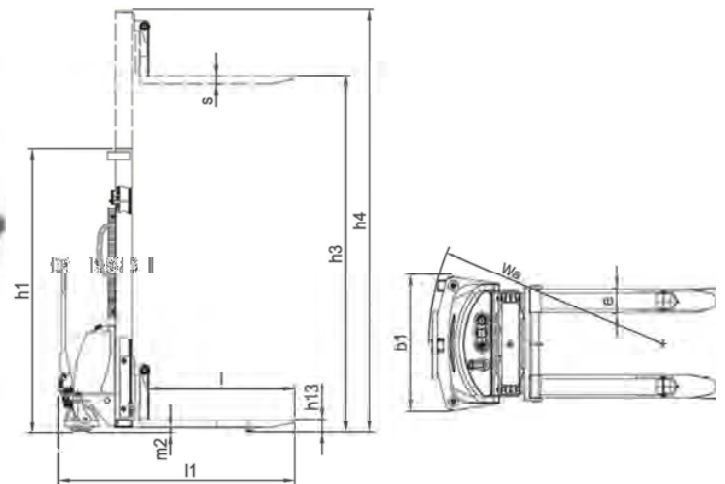
Fork over Manual Stacker (SEF)



- 3단계 속도조절 (Three-step speed control)
- 지게차 대용품으로 적합 (Suitable as a substitute for forklift)
- 누구나 쉽게 장비를 운전할 수 있음 (Anyone can operate equipment easily)
- 작업자의 허리를 굽히지 않고 최적의 높이로 제품 투입
(Put the product at the optimum height without bending worker's waist)
- 좁은 공간에서도 운반/하역 작업을 안전하고 신속하게 처리가능
(Safe and quick handling of cargo loading / unloading operation in tight space)
- 상승/하강: 전동 유압식 (Ascending/Descending : Electric hydraulic type)
- 풋 브레이크 장착 (Foot mounted brake)



Adjustable straddle legs (Optional)
option (900~1300mm)



모델 (Model)		Unit	SEF-1516	SEF-2035
사용하중 (Capacity)		kg	1500	2000
하중중심 (Load center)		mm	500	
최소 인양 높이 (Min. lifting height)		h13	85	
최소 마스트 높이 (Max. lifting height)		h3	1600, 2500, 3000	
최대 마스트 높이 (Min. mast height)		h1	2085, 1835, 2085	
전장 (Max. mast height)		h4	2085, 2910, 3410	
전폭 (Overall length)		l1	1735	
포크 높이 (Rear body width)		b1	800	
포크 크기 (Fork size)		s/e/l	60 / 142 / 1000	
포크 너비 (Fork width)		b5	660	
지면에서 간격 (Spacing on the ground)		m2	26	
최소 회전 반경 (Min. turning radius)		Wa	1430	
상승 속도 (Lifting speed)	전부하 (Load)	mm/sec	0.135	
	무부하 (Unload)	mm/sec	0.15	
하강 속도 (Descending speed)	전부하 (Load)	mm/sec	핸드콘트롤 (Hand control)	
	무부하 (Unload)	mm/sec		
배터리 (Battery)		V / A	12V / 115A	
충전기 (Charger)		V	220	
자체중량 (Self weight)		kg	450	480

STACKER

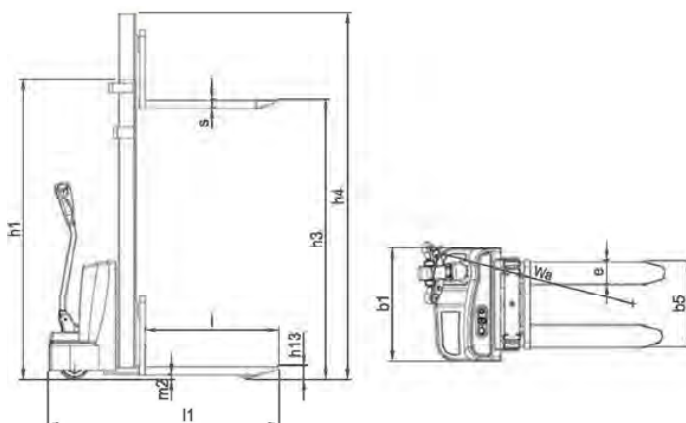
Electric Stacker (SEF-E)



- 조작핸들이 측면에 있어 더 큰 시야에서 작업 가능
(The handle is on the side so you can work in a larger field of view.)
- 좁은 공간에서도 운반/하역 작업을 안전하고 신속하게 처리가능
(Safe and quick handling of cargo loading / Unloading operation in tight space)
- 정밀 전자 리미트 스위치 기능, 최대 리프팅 높이 제어로 모터 손상 방지
(Precision electronic limit switch function, maximum lifting height control to prevent motor damage)
- 비상 전원 버튼 (Emergency Power Button)



Adjustable straddle legs (Optional)
option (900~1300mm)



모델 (Model)		Unit	SEF-10E	SEF-15E
사용하중 (Capacity)		kg	1000	1200
하중중심 (Load center)		mm	500	
최소 인양 높이 (Min. lifting height)	h13	mm	85	
최대 인양 높이 (Max. lifting height)	h3	mm	1600, 2500, 3000	
최소 마스트 높이 (Min. mast height)	h1	mm	2080, 1830, 2080	
최대 마스트 높이 (Min. mast height)	h4	mm	2080, 2950, 3450	
전장 (Overall length)	l1	mm	1750	
전폭 (Overall width)	b1	mm	790	
포크 크기 (Fork size)	s/e/l	mm	60 / 142 / 1070	
포크 너비 (Fork width)	b5	mm	570/660	
지면에서 간격 (Spacing on the ground)	m2	mm	30	
최소 회전 반경 (Min. turning radius)	Wa	mm	1390	
상승 속도 (Lifting speed)	전부하 (Load)	mm/sec	3.5	
	무부하 (Unload)	mm/sec	4	
하강 속도 (Descending speed)	전부하 (Load)	mm/sec	0.1	
	무부하 (Unload)	mm/sec	0.2	
모터 (Motor)	주행 (Travelling)	kW	0.75	
	리프트 (Lifting)	kW	2	
배터리 (Battery)		V / A	12V / 75A x 2EA	
충전기 (Charger)		V	220	
자체중량 (Self weight)		kg	550	590



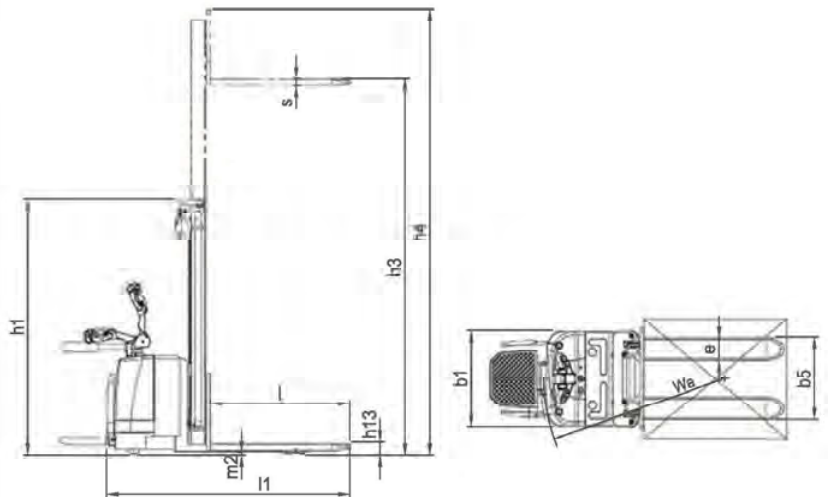
Electric Stacker (SEF-C)



- H-beam mast 적용으로 고용량에 적합
(Suitable for high capacity with H-beam mast application)
- 최저 마스트 높이 1735mm (Lowest mast height 1735mm)
- 실린더 하단에 방폭밸브 적용하여 마스트 급하강 방지
(Application of explosion-proof valve at the bottom of cylinder prevents mast descent)
- 리미트 스위치 적용으로 최대 리프팅 높이 제어
(Limit switch maximum lift height control)



Adjustable straddle legs (Optional)
option (900~1300mm)



모델 (Model)		Unit	SEF-15C	SEF-20C
사용하중 (Capacity)		kg	1500	2000
하중중심 (Load center)		mm	600	
최소 인양 높이 (Min. lifting height)	h13	mm	85	
최대 인양 높이 (Max. lifting height)	h3	mm	1500, 2500, 3500	
최소 마스트 높이 (Min. mast height)	h1	mm	2080, 1735, 2235	
최대 마스트 높이 (Max. mast height)	h4	mm	2180, 3080, 4080	
전장 (Overall length)	l1	mm	2000 / 2050	
전폭 (Overall width)	b1	mm	850	1100
포크 크기 (Fork size)	s/e/l	mm	55 / 185 / 1150	
포크 너비 (Fork width)	b5	mm	570 / 685	
지면에서 간격 (Spacing on the ground)	m2	mm	25	
최소 회전 반경 (Min. turning radius)	Wa	mm	1580	
상승 속도 (Lifting speed)	전부하 (Load)	mm/sec	4	
	무부하 (Unload)	mm/sec	4.5	
하강 속도 (Descending speed)	전부하 (Load)	mm/sec	0.1	
	무부하 (Unload)	mm/sec	0.15	
모터 (Motor)	주행 (Travelling)	kW	1.5	
	리프트 (Lifting)	kW	3	
배터리 (Battery)		V / A	24V / 210A	
충전기 (Charger)		V	220	
자체중량 (Self weight)		kg	1050	1220

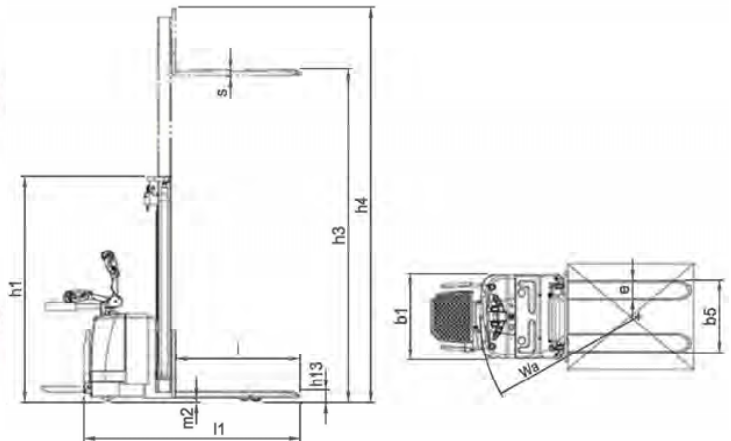
STACKER

Electric Stacker (SEF-QP)

- 더블 리프트 실린더 디자인은 정확하고 부드러운 리프트 보장
(Double lift cylinder design ensures accurate and smooth lift)
- 실린더 하부에 방폭밸브를 적용하여 마스트 급하강 방지
(Application of explosion-proof valve to the lower part of the cylinder prevents mast descending)
- 독특한 와이드 뷰 MAST 디자인은 운전자의 시야를 확장
(The unique WIDE VIEW MAST design makes driver's view be wider.)



Adjustable straddle legs (Optional)
option (900~1300mm)



모델 (Model)		Unit	SEF-15QP	SEF-20QP
사용하중 (Capacity)		kg	1500	2000
하중중심 (Load center)		mm	600	
최소 인양 높이 (Min. lifting height)	h13	mm	85	
최대 인양 높이 (Max. lifting height)	h3	mm	1500, 2500, 3500	
최소 마스트 높이 (Min. mast height)	h1	mm	2015, 1765, 2515	
최대 마스트 높이 (Min. mast height)	h4	mm	2150, 3050, 4550	
전장 (Overall length)	l1	mm	2020	
전폭 (Overall width)	b1	mm	850	1100
포크 크기 (Fork size)	s/e/l	mm	60 / 170 / 1150	
포크 너비 (Fork width)	b5	mm	570 / 685	
지면에서 간격 (Spacing on the ground)	m2	mm	25	
최소 회전 반경 (Min. turning radius)	Wa	mm	1600	
상승 속도 (Lifting speed)	전부하 (Load)	mm/sec	3	
	무부하 (Unload)	mm/sec	3.5	
하강 속도 (Descending speed)	전부하 (Load)	mm/sec	0.1	
	무부하 (Unload)	mm/sec	0.15	
모터 (Motor)	주행 (Travelling)	kW	1.5	
	리프트 (Lifting)	kW	3	
배터리 (Battery)		V / A	24V / 240A	
충전기 (Charger)		V	220	
자체중량 (Self weight)		kg	1050	1220

STACKER

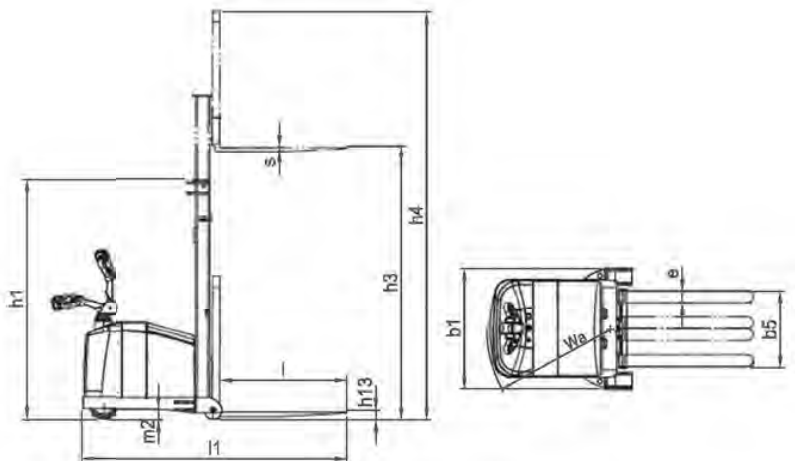
Electric Stacker (SCB-B)



- 고효율 AC컨트롤 시스템 적용 (High efficiency AC control system applied)
- 작은 회전반경, 넓은 작업 범위 (Small radius, wide working range)
- 아래쪽 지지대가 없어 지게차와 같이 밑에서부터 팔레트 운반가능
(Pallet can be transported from the floor like a forklift without the lower support)
- 정밀 전자 리미트 스위치 기능, 최대 리프팅 높이 제어로 모터 손상 방지
(Precision electronic limit switch function, max. lifting height control to prevent motor damage)



Ride-on platform
for option



모델 (Model)		Unit	SCB-10B	SCB-13B	SCB-16B
사용하중 (Capacity)		kg	1000	1300	1600
하중중심 (Load center)		mm		500	
최소 인양 높이 (Min. lifting height)	h13	mm		45	
최대 인양 높이 (Max. lifting height)	h3	mm		2500, 3500, 4500	
최소 마스트 높이 (Min. mast height)	h1	mm		1830, 2330, 2680	
최대 마스트 높이 (Min. mast height)	h4	mm		650, 5650	
전장 (Overall length)	l1	mm		2300, 2510, 2680	
전폭 (Overall width)	b1	mm		1020	
포크 크기 (Fork size)	s/e/l	mm		35 / 100 / 1070	
포크 너비 (Fork width)	b5	mm		200~680	
지면에서 간격 (Spacing on the ground)	m2	mm		50~110	
최소 회전 반경 (Min. turning radius)	Wa	mm	1140	1390	1590
상승 속도 (Lifting speed)	전부하 (Load)	km/h		4	
	무부하 (Unload)	km/h		4	
하강 속도 (Descending speed)	전부하 (Load)	mm/sec		0.09	
	무부하 (Unload)	mm/sec		0.12	
모터 (Motor)	주행 (Travelling)	kW		1.5	
	리프트 (Lifting)	kW		3	
배터리 (Battery)		V / A		24V / 210A	
충전기 (Charger)		V		220	
자체중량 (Self weight)		kg	2100	2200	2300

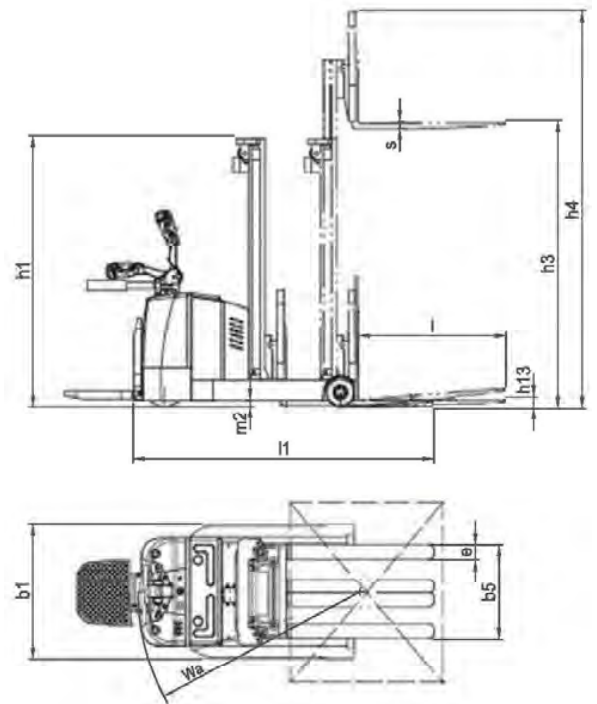


STACKER

Electric Stacker (SRS-Q)



- 최대 상승높이로 창고 5500mm 및 좁은 장소에도 유용하게 사용 (Max. height 5500mm)
- 폭넓은 전방시야 (Broad front view)
- 안전한 포크 조절 (Safe fork adjustment)
- 시간과 배터리 상태 표기기능 (Indicating time and battery status)



모델 (Model)		Unit	SRS-13Q	SRS-16Q	SRS-20Q
사용하중 (Capacity)		kg	1300	1600	2000
하중중심 (Load center)		mm		500	
최소 인양 높이 (Min. lifting height)	h13	mm		35	
최대 인양 높이 (Max. lifting height)	h3	mm		2500, 3500, 4500, 5500	
최소 마스트 높이 (Min. mast height)	h1	mm		1750, 2250, 2000, 2340	
최대 마스트 높이 (Min. mast height)	h4	mm		3260, 4260, 5260, 6260	
전장 (Overall length)	l1	mm		22600 / 2260 / 2360	
전폭 (Overall width)	b1	mm		980	
포크 크기 (Fork size)	s/e/l	mm		25 / 100 / 1070	
포크 너비 (Fork width)	b5	mm		200~680	
지면에서 간격 (Spacing on the ground)	m2	mm		50~110	
최소 회전 반경 (Min. turning radius)	Wa	mm		1600	
상승 속도 (Lifting speed)	전부하 (Load)	km/h		4.5	
	무부하 (Unload)	km/h		5.2	
하강 속도 (Descending speed)	전부하 (Load)	mm/sec		0.12	
	무부하 (Unload)	mm/sec		0.2	
모터 (Motor)	주행 (Travelling)	kW	1.2	1.2	1.5
	리프트 (Lifting)	kW	3.3	4.5	1.5
배터리 (Battery)	V / A		24V / 210A	24V / 210A	24V / 270A
충전기 (Charger)	V			220	
자체중량 (Self weight)	kg		1750	1950	2190

Hand Stacker (SFL)



SFL-1016/1516/2016 (1st Stage) (Single mast)

- 고품질, 고강도의 마스트 스틸로 내구성 보장
(High-quality mast steel ensures high durability)
- 일체형 펌프로 오일의 누설과 누출을 방지
(Prevention of oil leakage and leak by integrated pump)
- 핸들 페달이나 풋 페달을 사용하여 들어 올릴 수 있습니다.
(You can lift it by using both the handle pedal and the foot pedal)
- 핸들 컨트롤 밸브로 사용하여 제어하는데 편리
(Easier control by handle control valve)
- 안전 밸브가 있어 과부하를 방지
(Prevention of overload by safety valve)

20



SFL-1025/1030/1525/1530 (2nd Stage) (Double mast)

모델 (Model)		Unit	SFL-1016	SFL-1516	SFL-2016	SFL-1025	SFL-1030	SFL-1525	SFL-1530
사용하중 (Capacity)		kg	1000	1500	2000	1000	1000	1500	1500
하중중심 (Load center)		mm	500	400	400	500	500	400	400
전체높이 (Overall height)		mm	2080	2080	2080	3080	3080	3580	3580
포크 최저높이 (Fork Lowest Height)		mm	90	90	90	90	90	90	90
리프트 높이 (Lift height)		mm	1600	1600	1600	2500	3000	2500	3000
상승속도 (Lifting speed)	전부하 (Load)	mm/s	9.5	9.5	9.5	9.5	9.5	9.5	9.5
	무부하 (Unload)	mm/s	10.5	10.5	10.5	10.5	10.5	10.5	10.5
회전반경 (Radius of rotation)		mm	1200	1200	1200	1200	1200	1200	1200
자체중량 (Self weight)		kg	250	270	290	290	316	310	336



Hand Stacker (SDS)



SDS-50E

(Electric type)

- 전동 구동식 (클램프 포함)
(Ascending/Descending : Electric hydraulic type)
- 드럼 클램프를 이용하여 리프팅하고 전동식으로 내용물을 용기에 투입
(Lifting by using a drum clamp, electric contents are put into a container)
- 상승/하강 :전동 유압식
(Ascending/Descending : Electric hydraulic type)

모델 (Model)	Unit	SDS-50E
사용하중 (Capacity)	kg	500
최대인상높이 (Max. Lift Height)	mm	1600 / 2000 / 2500
드럼인상높이 (Drum Lift Height)	mm	50 ~ 1400
전장 (Whole Length)	mm	1460
전폭 (Overall Width)	mm	920
회전반경 (Radius of rotation)	mm	1200
드럼크기 (Drum size)	mm	Ø 600 x 900L
충전기 (Charger)	v	220



SDS-50

(Manual type)

- 드럼의 원거리 이동 및 투입 작업에 적합
(Suitable for long distance movement of drums)

모델 (Model)	Unit	SDS-50E
사용하중 (Capacity)	kg	500
최대인상높이 (Max. Lift Height)	mm	1600 / 2000 / 2500
드럼인상높이 (Drum Lift Height)	mm	50 ~ 1400
전장 (Whole Length)	mm	1460
전폭 (Overall Width)	mm	920
회전반경 (Radius of rotation)	mm	1200
드럼크기 (Drum size)	mm	Ø 600 x 900L

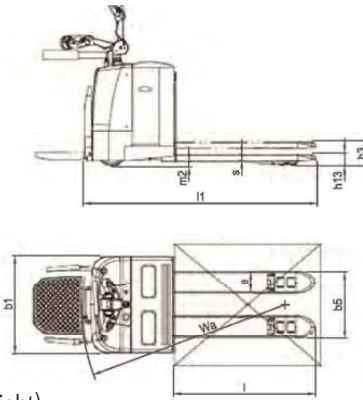
PALLET TRUCK

Electric Pallet Truck (SEP-20QP/25QP/30QP/20R)

SEP-20QP/25QP/30QP

(2000kg/2500kg/3000kg)

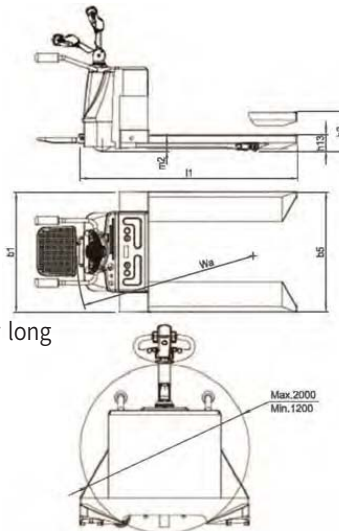
- 탑승형 완전 파레트 트럭
(Ride-on pallet truck)
- 간단한 조작
(Simple operation)
- 중장비 이동에 적합
(Suitable for moving heavy equipment)
- 최대 리프팅 높이 제어로 모터 손상을 방지
(Prevention of motor damage by control of max. lifting height)



SEP-20R

(2000kg)

- 롤 제품을 취급하기 위한 포크 설계
(Fork design for handling roll products)
- 알루미늄 커버 적용으로 열 분산력이 좋아 배터리를 긴 시간 이용
(Aluminum cover provides good thermal dissipation for long time use of battery)
- 배터리 상태 표기 기능
(Battery status indication function)
- 손쉬운 조작을 위한 핸들의 인체공학 디자인
(Ergonomic design of handle for easy operation)



모델 (Model)		Unit	SEP-20QP / 25QP / 30QP	SEP-20R
사용하중 (Capacity)		kg	2000	2000
하중중심 (Load center)		mm	600	700
최소 인양 높이 (Min. lifting height)	h13	mm	80	170
최대 인양 높이 (Max. lifting height)	h3	mm	120	100
전장 (Overall length)	l1	mm	1900	2300
전폭 (Overall width)	b1	mm	790	1200
포크 크기 (Fork size)	s/e/l	mm	60 / 185 / 1150	-
포크 너비 (Fork width)	b5	mm	570 / 685	1200
지면에서 간격 (Spacing on the ground)	m2	mm	30	20
최소 회전 반경 (Min. turning radius)	Wa	mm	1720	2020
주행 속도 (Travelling speed)	전부하 (Load)	km/h	6	6
	무부하 (Unload)	km/h	6	6
상승 속도 (Lifting speed)	전부하 (Load)	mm/sec	-	-
	무부하 (Unload)	mm/sec	-	-
모터 (Motor)	주행 (Travelling)	kW	1.5	1.5
	리프트 (Lifting)	kW	2	2
배터리 (Battery)		V / A	24V / 210A, 24V / 270A	24V / 210A
충전기 (Charger)		V	220	220
자체중량 (Self weight)		kg	800 / 870 / 900	930



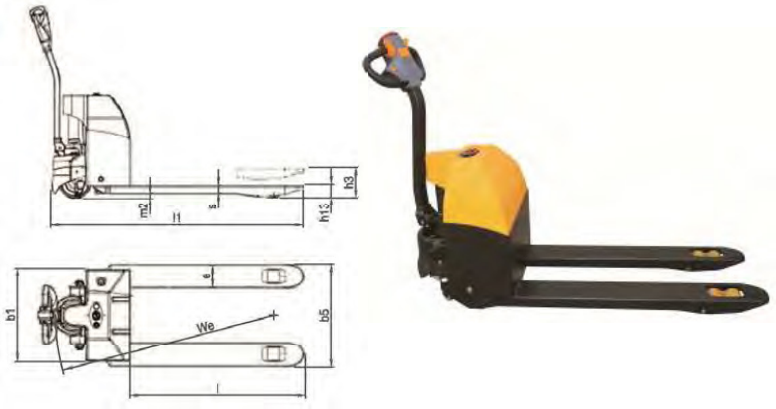
PALLET TRUCK

Electric Pallet Truck (SEP-15E/20C)

SEP-15E

(1500kg)

- 스마트하고 미니한 디자인으로 좁은 통로에서도 쉽게 이동
(Smart design allows easy passage through narrow aisles)
- 저렴한 가격으로 높은 효율성
(High efficiency with lower price)
- 낮은 유지보수 구조
(Low maintenance structure)
- 구동 바퀴 커버 장착으로 발끼임 방지
(Prevention of accident with drive wheel cover)



SEP-20C

(2000kg)

- AC 구동모터로 편안한 조작
(Comfortable operation with AC drive motor)
- 손잡이에 비상 버튼이 있어 사용자의 안전을 보장
(Emergency button on the handle ensures user safety)
- 열 분산력이 좋아 배터리를 길게 이용
(Good thermal dissipation makes long battery life)
- 배터리 상태 표기 기능
(Battery status indication function)



모델 (Model)		Unit	SEP-15E	SEP-20C
사용하중 (Capacity)		kg	1500	2000
하중중심 (Load center)		mm	500	500
최소 인양 높이 (Min. lifting height)	h13	mm	80	85
최대 인양 높이 (Max. lifting height)	h3	mm	195	195
전장 (Overall length)	l1	mm	1670	1710
전폭 (Overall width)	b1	mm	550 / 685	550 / 685
포크 크기 (Fork size)	s/e/l	mm	53 / 160 / 1150	5 / 160 / 1150
포크 너비 (Fork width)	b5	mm	550 / 685	550 / 685
지면에서 간격 (Spacing on the ground)	m2	mm	30	30
최소 회전 반경 (Min. turning radius)	Wa	mm	1470	1510
주행 속도 (Travelling speed)	전부하 (Load)	km/h	3.5	3.5
	무부하 (Unload)	km/h	4	4
모터 (Motor)	주행 (Travelling)	kW	0.75	1.2
	리프트 (Lifting)	kW	0.8	0.8
배터리 (Battery)		V / A	24V / 75A x 2EA	24V / 120A x 2EA
충전기 (Charger)		V	220	220
자체중량 (Self weight)		kg	420	520

PALLET TRUCK

Hand Pallet Truck (SHP/SDF)

SHP (2500kg/3500kg/5000kg)

Innovation Design

- 유럽형 실린더 장착
(European type cylinder mounted)
- 작동 과부하를 방지하기 위해 활성 안전밸브를 설정
(Set active safety valve to prevent operational overload)
- 고용량을 보장하는 54mm의 포크두께
(54mm fork thickness guarantees high capacity)



SDF (2000kg/2.0M/2.0L)

Economic type

- 누수 방지 디자인의 용접 펌프
(Welding pump with leak-proof design)
- 크롬 플레이트 피스톤
(Chrome plate piston)
- 고강도 합금강, 강한 수용량
(High strength alloy steel, strong capacity)
- 고용량을 보장하는 54mm의 포크두께
(54mm fork thickness guarantees high capacity)



SDF (5000kg/5.0L)

Heavy Duty Hand Pallet Truck

- 독특한 유럽 펌프로 힘을 적게 들여 수월하게 물건을 들어 올릴 수 있습니다.
(With a unique European pump, you can easily lift things with less effort.)
- 포크발을 강화해 제품의 안전성 보장
(Strengthen fork feet to ensure product safety)



모델 (Model)	Unit	SHP-2.5M/2.5L	SHP-3.5L	SHP-5.0L	SDF-2.0M/2.0L	SDF-5.0L
사용하중 (Capacity)	kg	2500	3500	5000	2000	5000
하중중심 (Load center)	mm	500	500	500	500	500
최소 인양 높이 (Min. lifting height)	kg	70~80	90~100	100~110	55~65	100~110
최대 인양 높이 (Max. lifting height)	mm	85 / 75	85 / 75	88	75	88
전장 (Overall length)	mm	200 / 190	200 / 190	207	190	207
전폭 (Overall length)	mm	685	685	685	550 / 685	685
자체중량 (Self weight)	mm	1249 / 1319	1249 / 1319	1249 / 1319	1249 / 1319	1249 / 1319



PALLET TRUCK

Pallet Truck with Brake / Low profile-Pallet Truck (SHP)

SHP-R (2000kg)

Reel Pallet Truck

- 인체공학적으로 설계된 핸들
(Ergonomically designed handle)
- 롤 제품을 취급하기 위한 포크 설계
(Fork design for handling roll products)



SHP-B (2500kg)

Pallet Truck with Brake

- 브레이크 시스템이 있어 경사면에서 정지
(There is a brake system and stops at the slope)



SHP-L (1500/2000kg)

Low profile-Pallet Truck

- 특별 제작된 사이즈
포크가 52mm에서 60mm로 낮아지며 필요한 경우 35mm도 생산 가능
(Specially designed size : The fork is lowered from 52mm to 60mm and 35mm can be produced if necessary)



SHP-K (2500kg)

Super wide Pallet Truck

- 폭은 최대 1200mm, 길이는 최대 3000mm
까지 사용자 요청에 따라 제작 가능
(Width up to 1200mm, length up to 3000mm customized product)



SHP-G (2500kg)

Galvanized Pallet Truck

- 습하고 추운 창고에서도 사용에 용이
(Easy to use in humid and cold warehouses)
- 나일론 재질 바퀴 (Nylon material wheels)
- 감압 밸브 및 과부하 밸브 적용
(Pressure Reducing Valve and Overload Valve)



SHP-S (2000kg)

Stainless Steel-Pallet Truck

- 습기 찬 환경, 식품, 제약 및 화학산업 환경 등
광범위하게 사용
(Humid environment, food, pharmaceutical and chemical industry environment, etc. Widely used)
- 압력 릴리프밸브 및 과부하 밸브로 작동을 보호
(Protects operation with pressure relief valve and overload valve)



모델 (Model)	Unit	SHP-20R	SHP-25B	SHP-15L52	SHP-2L60	SHP-25K	SHP-25G	SHP-20S
사용하중 (Capacity)	kg	2000	2500	1500	2000	2500	2500	2000
하중중심 (Load center)	mm	500	500	500	500	500	500	500
자체중량 (Self Weight)	kg	80~100	70~80	55~65	65~80	85~120	70~80	65~80
최저인상높이 (Min. Lift Height)	mm	85 / 75	85/75	52	60	85 / 75	85 / 75	85 / 75
최대인상높이 (Max. Lift Height)	mm	200 / 190	200 / 190	157	150	200 / 190	200 / 190	200 / 190
포크발간 거리 (Distance between fork)	mm	1000	685	685	685	800 / 1000 / 1200	685	685
회전반경 (Radius of rotation)	mm	1249 / 1319	1249 / 1319	1249/1319	1249 / 1319	-	1249 / 1319	1266 / 1334



LIFT TABLE

Lift Table

Electric Lift Table

SLT-400FD/400FDW
(400kg)



SET-ZD

(400kg/800kg/1000kg)



- Stable transport of heavy goods and free height adjustment
- Overload protection

Manual Lift Table

SLT-150/500/1000/1500 (1st Stage)
(150kg/500kg/1000kg/1500kg)



SLTD-150D/350D/800D (2nd Stage)
(150kg/350kg/800kg)



- High quality hydraulic pressure ensures reliable lifetime
- Bracket and Brake InstaMation to backside wheel

Fixed Lift Table

SST-1001/2001/4001 (1st Stage)
(1000kg/2000kg/4000kg)



SST-1001D/2001D/4001D (2nd Stage)
(1000kg/2000kg/4000kg)



- High strength material, solid structure
- Safety Bar Equipment Installation

Gallery



공장현황 (Factory)

제1공장-호이스트 제조(Factory for Hoist)



Machining shop



Warehouse for Component



Assembly Shop



Painting Shop

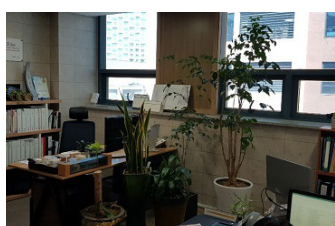
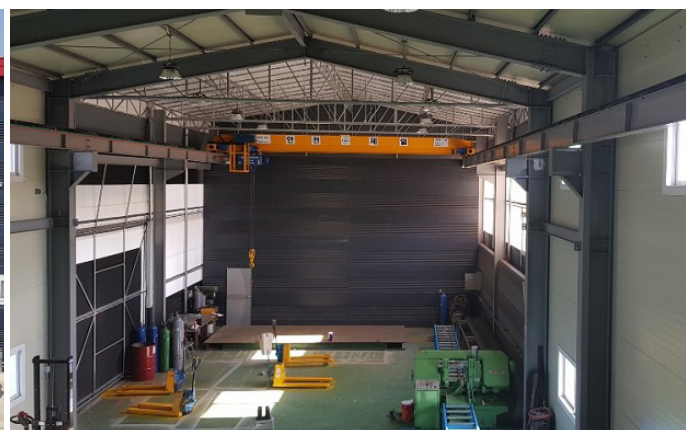


Testing Shop

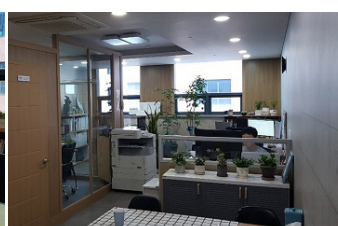


Warehouse for Hoists

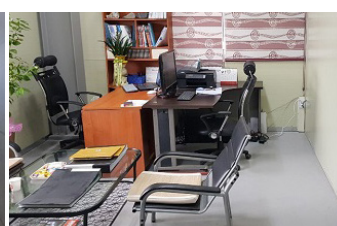
제2공장-크레인 & 스택커 제조 (Factory for Crane & Stacker)



Oversea office



R&D office



Complete product

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