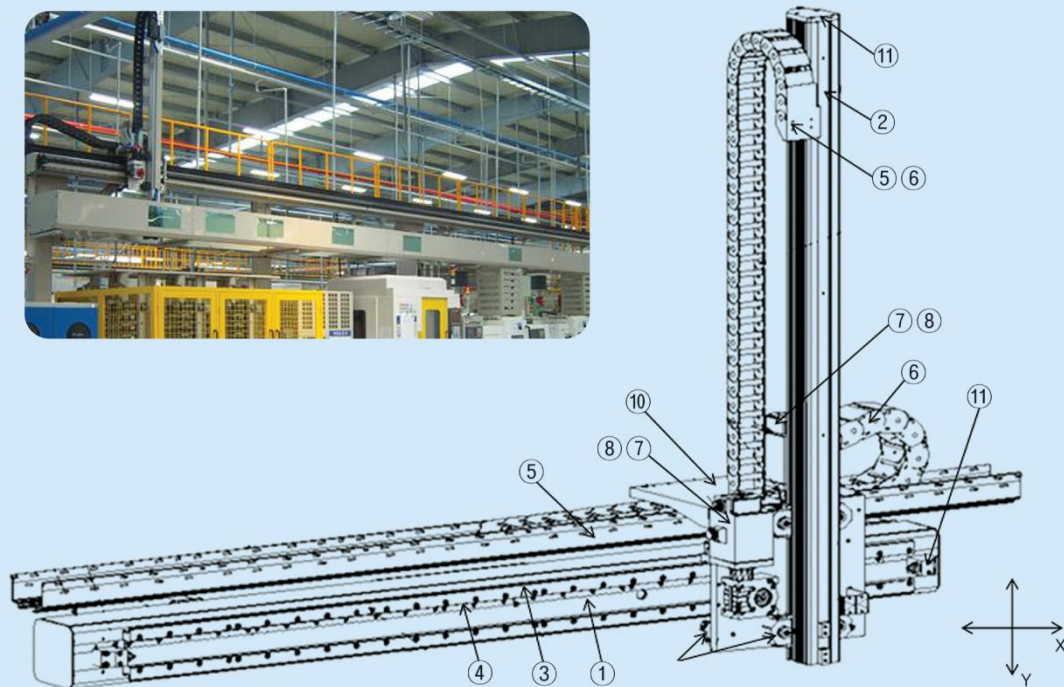


●● 2GI Type



NO.	DESCRIPTION	STANDARD	OPTION
1	X-AXIS BEAM	●	
2	Y-AXIS BEAM	●	
3	SHAFT HOLDER	●	
4	RACK GEAR	●	
5	CABLE BKT	●	
6	CABLE CHAIN	●	
7	WORM GEAR BOX	●	
8	SERVO MOTOR		●
9	GUIDEWAY ROLLER	●	
10	SUPPORT BKT	●	
11	STOPPER	●	
*	POST		●
	OIL PAN		●
	PLATFORM		●

2GI 20
20kg

2GI 20A
20kg

2GI 40
40kg

2GI 40A
40kg

2GI 60
60kg

2GI 100
100kg

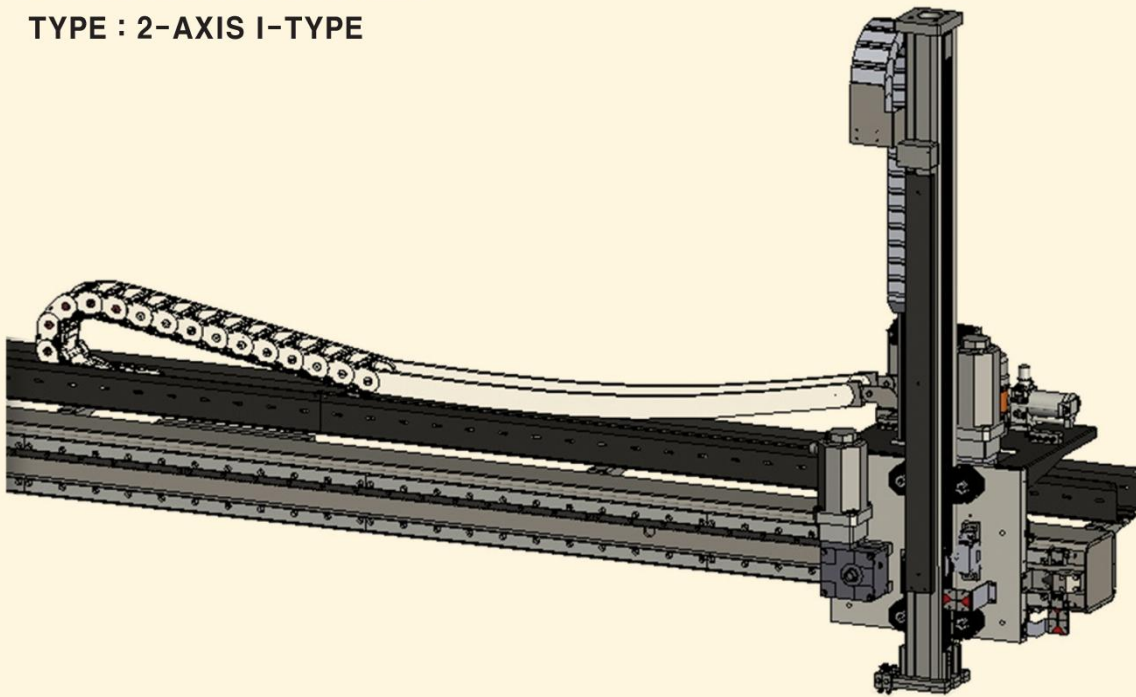
2GI 30
130kg

2GI 130A
130kg

2GI 200
200kg

2-AXIS GANTRY SYSTEMS

TYPE : 2-AXIS I-TYPE



Distinction

- | | |
|---|--|
| ▶ Principle of operation : Rack & Pinion unit | ▶ 구동원리 : Rack & Pinion 구동형식 |
| ▶ Material : Beam - Square pipe
Up-down beam - AL6061 pipe
Carriage plate - AL6061 | ▶ 재질 : Beam - Square pipe
Up-down beam - AL6061 pipe
Carriage plate - AL6061 |
| ▶ Speed : Bearing roller based U slide system
allow speeds | ▶ 속도 : U형 안내방식에 의한 고속성 실현 |
| ▶ Durable : Rugged construction - All steel hardened and ground
slideway-unique wiping action excludes debris. | ▶ 내구성 : 슬라이드부는 열처리, 연마 강을 사용
와이퍼 장치는 불순물을 배척하여
수명 향상 |

2-AXIS Gantry Systems

2GI 20
20kg

2GI 20A
20kg

2GI 40
40kg

2GI 40A
40kg

2GI 60
60kg

2GI 100
100kg

2GI 130
130kg

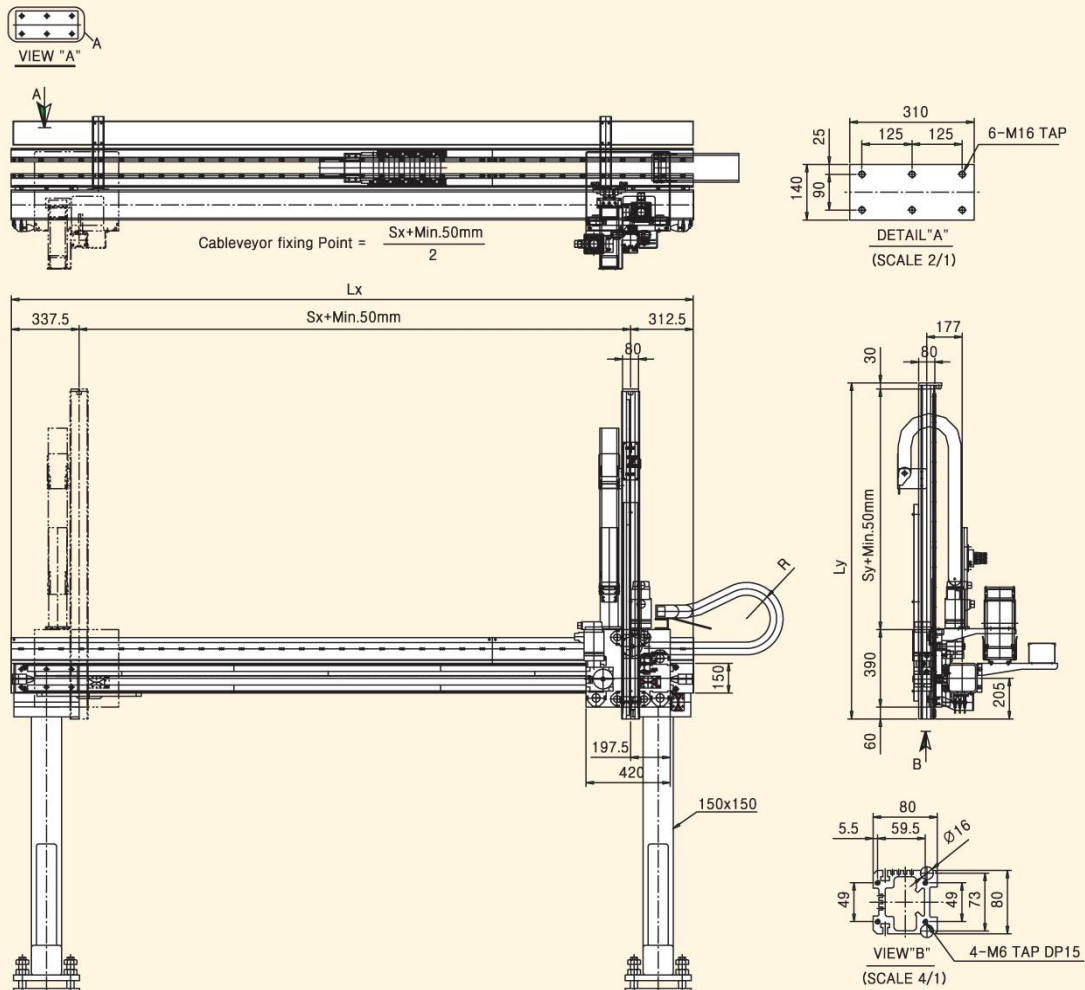
2GI 130A
130kg

2GI 200
200kg

Type	Max. Pay Load	Max. Speed(m/min)		Acceleration(m/s ²)		Repeatability (mm)
		X	Y	X	Y	
2GI 20	20kg	150	75	5	3	±0.1

Beam Size		Rack		Pinion		Gearbox	
X	Y	X	Y	X	Y	X	Y
SP150-20RP	AP80-16RP	Pitch: 5 Width: 20	Pitch: 5 Width: 15	Pitch: 5 Teeth: 20	Pitch: 5 Teeth: 15	FH045 (2:1)	FH045 (3:1)

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2-AXIS Gantry Systems

2GI 20
20kg

2GI 20A
20kg

2GI 40
40kg

2GI 40A
40kg

2GI 60
60kg

2GI 100
100kg

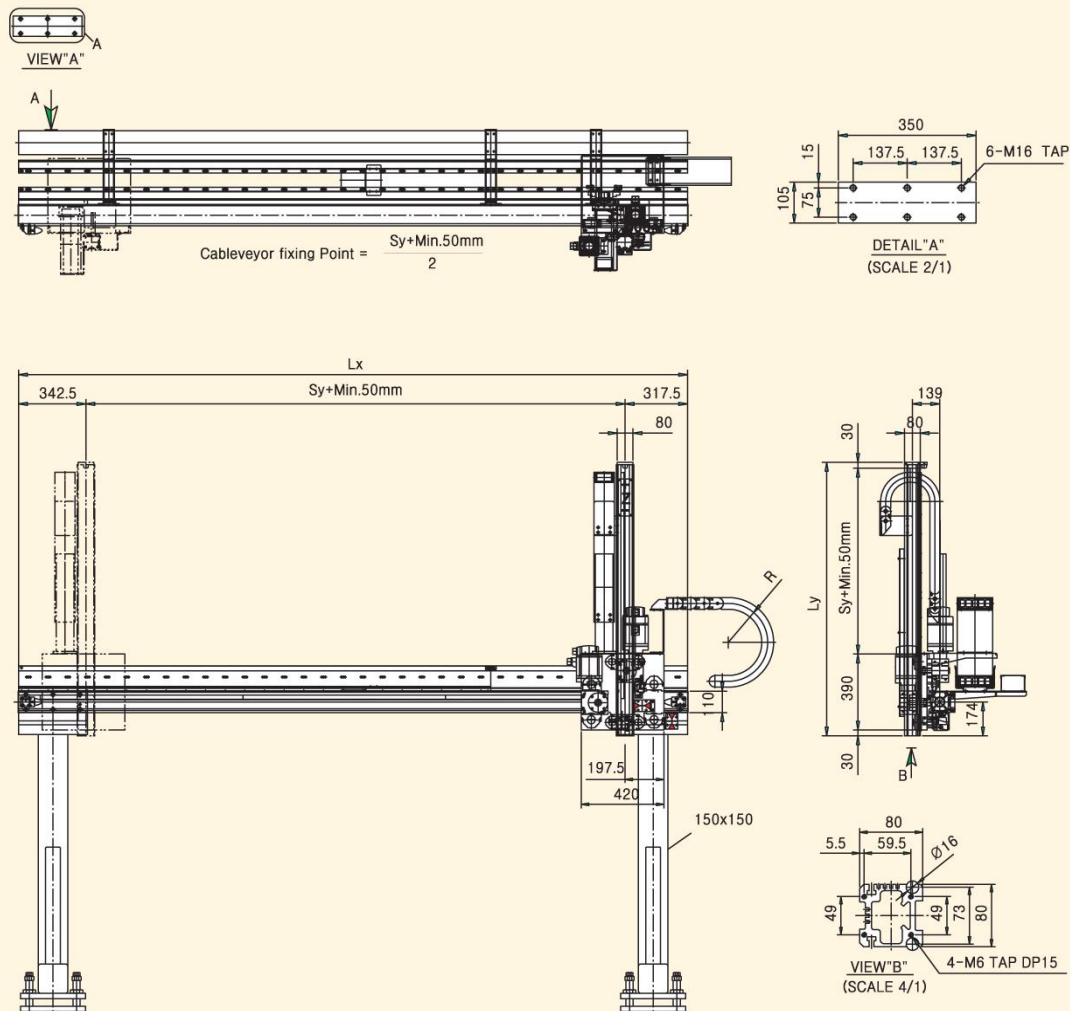
2GI 130
130kg

2GI 130A
130kg

2GI 200
200kg

Type	Max. Pay Load	Max. Speed(m/min)		Acceleration(m/s ²)		Repeatability (mm)
		X	Y	X	Y	
2GI 20A	20kg	150	75	5	3	±0.1

Beam Size		Rack		Pinion		Gearbox	
X	Y	X	Y	X	Y	X	Y
AP110-20RP	AP80-16RP	Pitch: 5 Width: 20	Pitch: 5 Width: 15	Pitch: 5 Teeth: 20	Pitch: 5 Teeth: 15	FH045 (3:1)	FH045 (3:1)



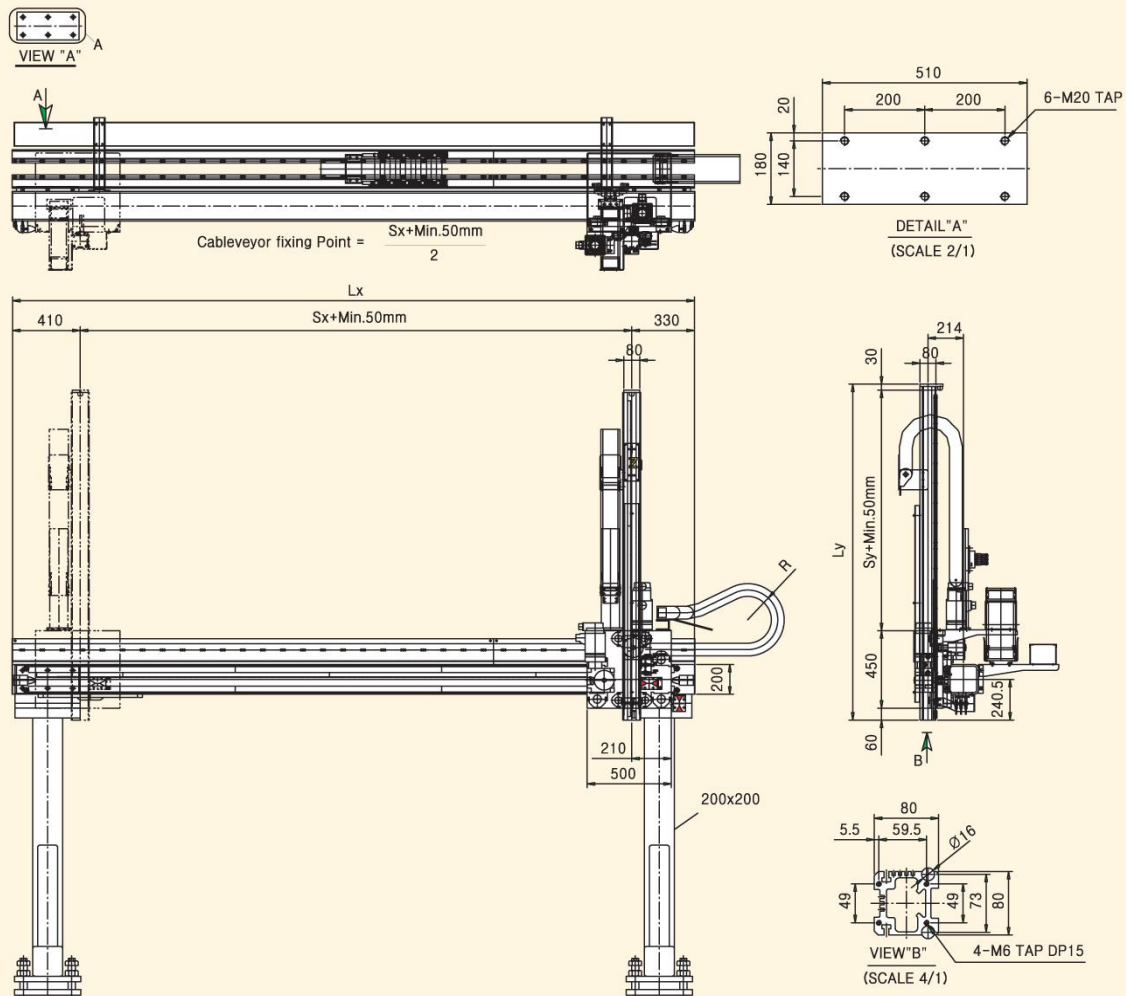
2-AXIS Gantry Systems

2GI 20 20kg	2GI 20A 20kg	2GI 40 40kg	2GI 40A 40kg	2GI 60 60kg	2GI 100 100kg	2GI 130 130kg	2GI 130A 130kg	2GI 200 200kg
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Type	Max. Pay Load	Max. Speed(m/min)		Acceleration(m/s ²)		Repeatability (mm)
		X	Y	X	Y	
2GI 40	40kg	150	100	5	3	±0.1

Beam Size		Rack		Pinion		Gearbox	
X	Y	X	Y	X	Y	X	Y
SP200-30RP	AP80-16RP	Pitch: 7.5 Width: 25	Pitch: 5 Width: 20	Pitch: 7.5 Teeth: 20	Pitch: 5 Teeth: 20	FH045 (3:1)	FH045 (3:1)

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2-AXIS Gantry Systems

2GI 20
20kg

2GI 20A
20kg

2GI 40
40kg

2GI 40A
40kg

2GI 60
60kg

2GI 100
100kg

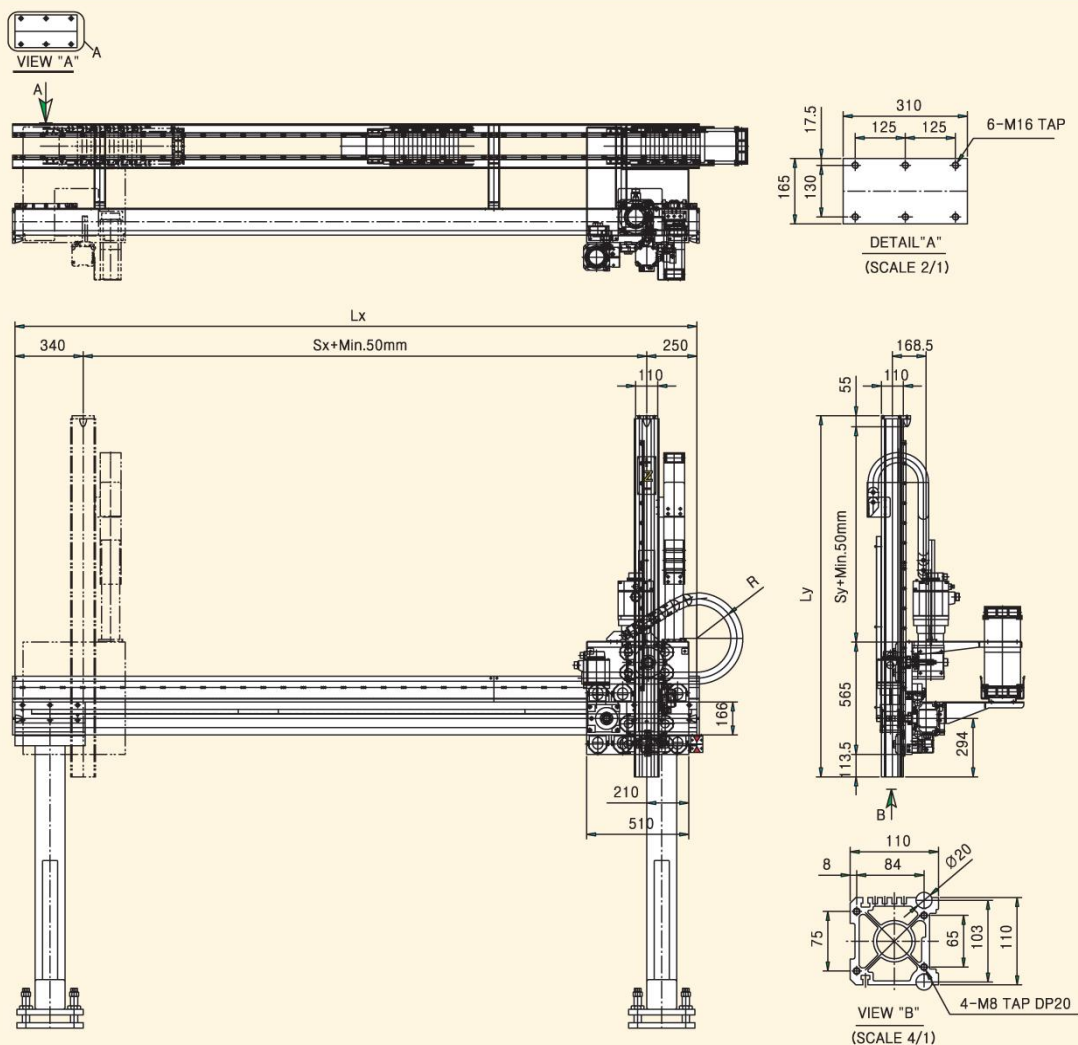
2GI 130
130kg

2GI 130A
130kg

2GI 200
200kg

Type	Max. Pay Load	Max. Speed(m/min)		Acceleration(m/s ²)		Repeatability (mm)
		X	Y	X	Y	
2GI 40A	40kg	150	100	5	3	±0.1

Beam Size		Rack		Pinion		Gearbox	
X	Y	X	Y	X	Y	X	Y
AP166-30RP	AP110-20RP	Pitch: 7.5 Width: 25	Pitch: 5 Width: 20	Pitch: 7.5 Teeth: 20	Pitch: 5 Teeth: 20	FH045 (3:1)	FH045 (3:1)



2-AXIS Gantry Systems

2GI 20
20kg

2GI 20A
20kg

2GI-40
40kg

2GI 40A
40kg

2GI 60
60kg

2GI 100
100kg

2GI 130
130kg

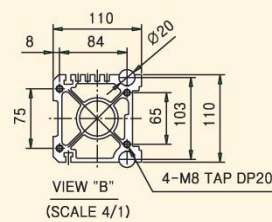
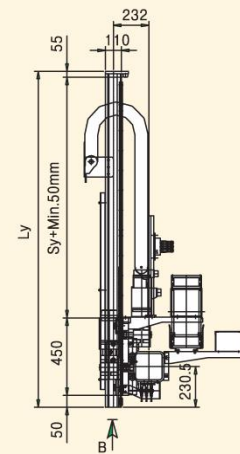
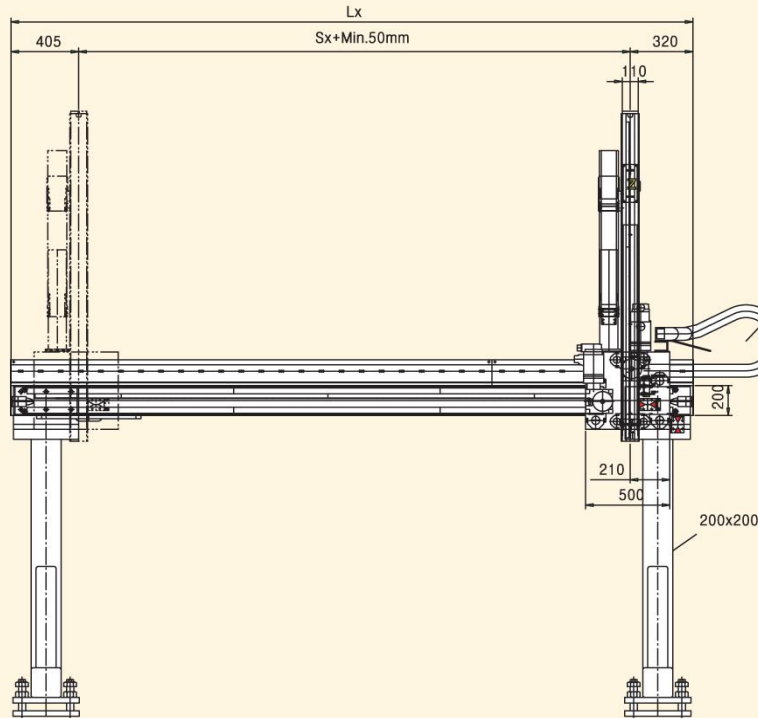
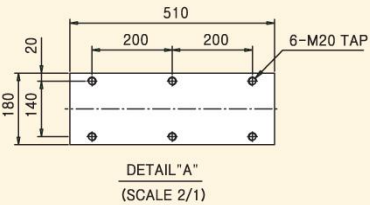
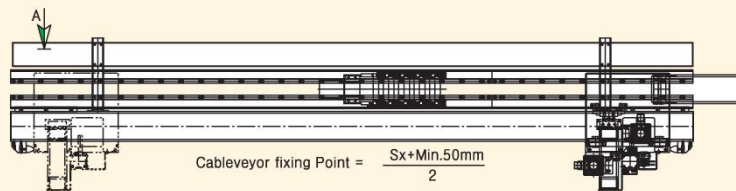
2GI 130A
130kg

2GI 200
200kg

Type	Max. Pay Load	Max. Speed(m/min)		Acceleration(m/s ²)		Repeatability (mm)
		X	Y	X	Y	
2GI 60	60kg	150	100	5	3	±0.1

Beam Size		Rack		Pinion		Gearbox	
X	Y	X	Y	X	Y	X	Y
SP200-30RP	AP110-20RP	Pitch: 7.5 Width: 25	Pitch: 5 Width: 20	Pitch: 7.5 Teeth: 20	Pitch: 5 Teeth: 20	FH045 (3:1)	FH045 (3:1)

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2-AXIS Gantry Systems

2GI 20
20kg

2GI 20A
20kg

2GI 40
40kg

2GI 40A
40kg

2GI 60
60kg

2GI 100
100kg

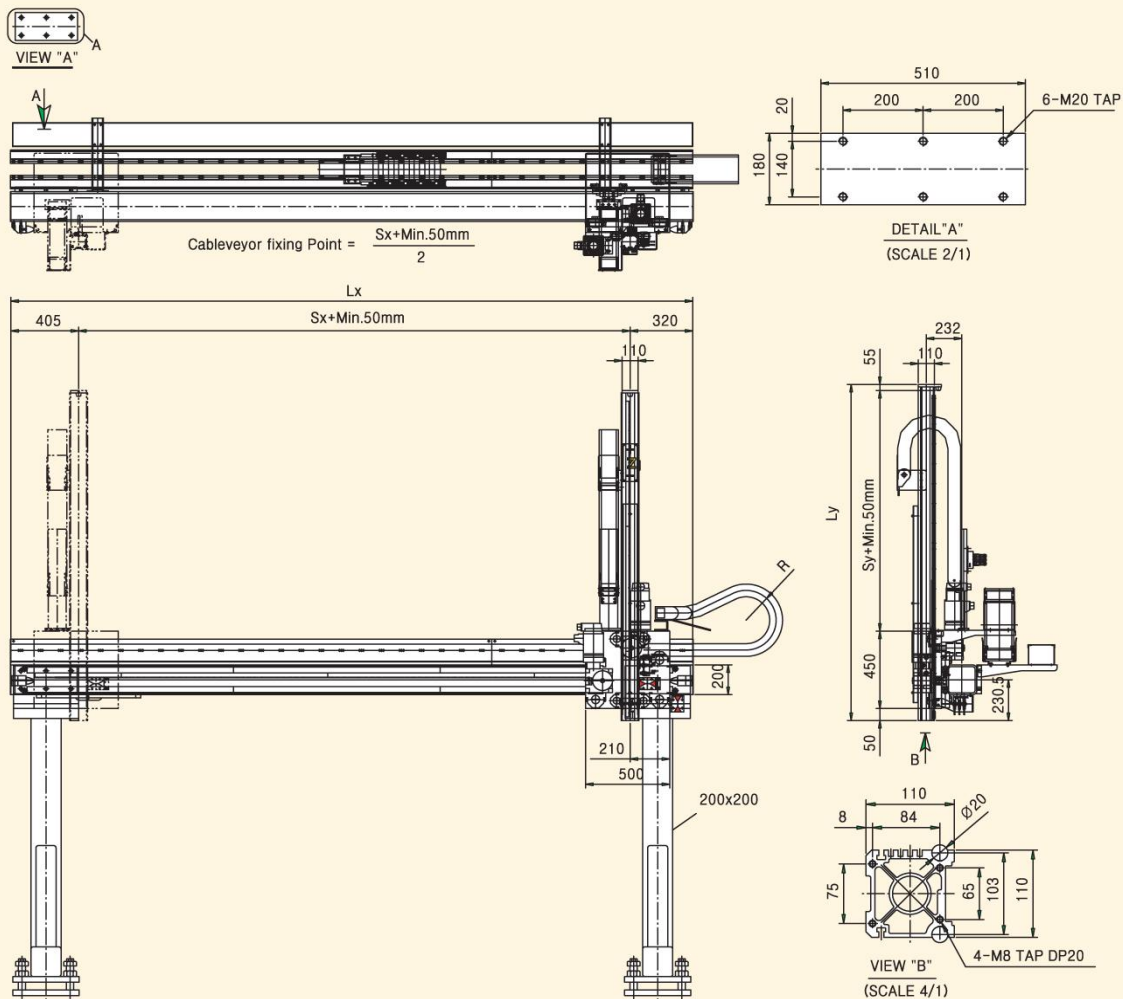
2GI 130
130kg

2GI 130A
130kg

2GI 200
200kg

Type	Max. Pay Load	Max. Speed(m/min)		Acceleration(m/s ²)		Repeatability (mm)
		X	Y	X	Y	
2GI 100	100kg	150	100	5	3	±0.1

Beam Size		Rack		Pinion		Gearbox	
X	Y	X	Y	X	Y	X	Y
SP200-30RP	AP110-20RP	Pitch: 7.5 Width: 25	Pitch: 7.5 Width: 25	Pitch: 7.5 Teeth: 20	Pitch: 7.5 Teeth: 20	FH060 (3:1)	FH060 (3:1)

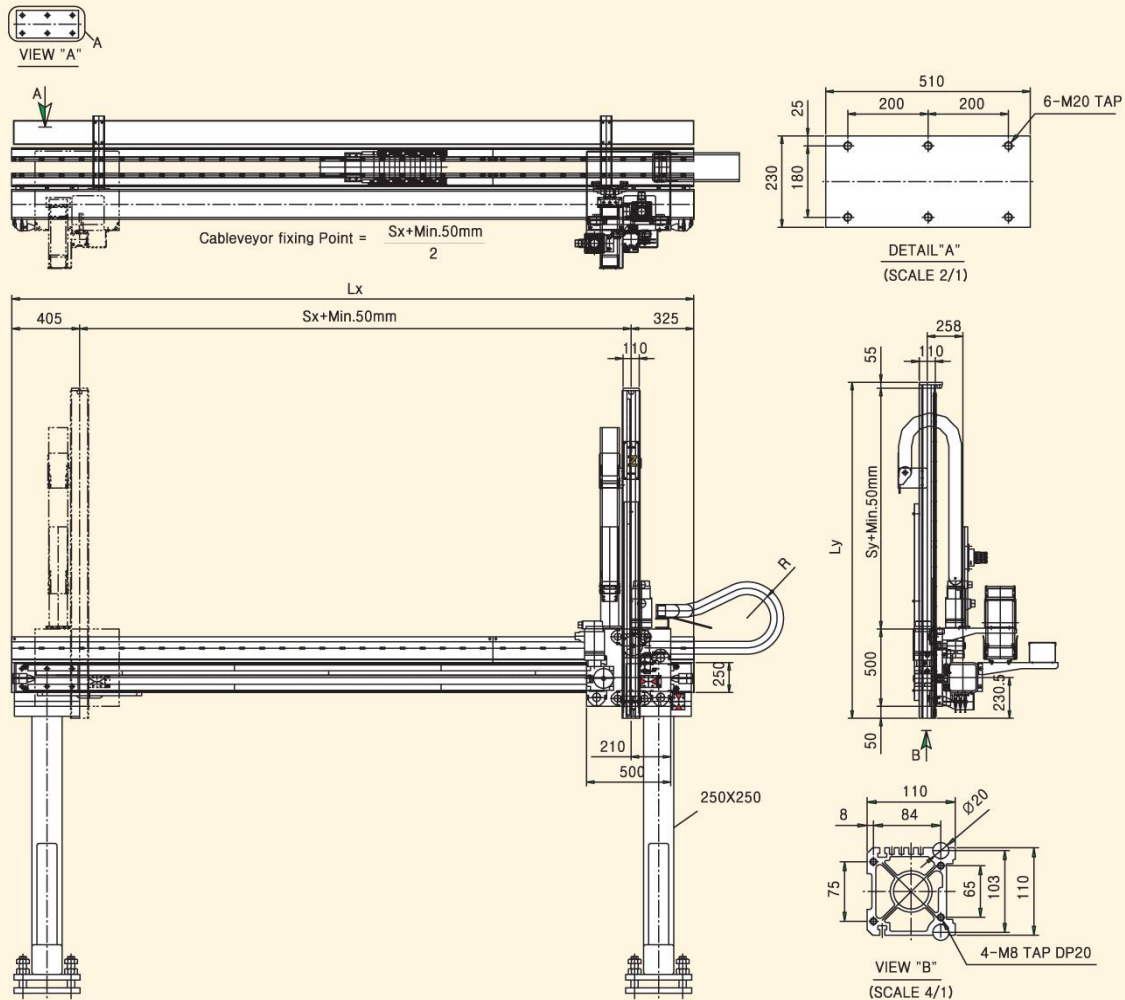


2-AXIS Gantry Systems

2GI 20 20kg	2GI 20A 20kg	2GI 40 40kg	2GI 40A 40kg	2GI 60 60kg	2GI 100 100kg	2GI 130 130kg	2GI 130A 130kg	2GI 200 200kg
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Type	Max. Pay Load	Max. Speed(m/min)		Acceleration(m/s ²)		Repeatability (mm)
		X	Y	X	Y	
2GI 130	130kg	150	100	5	3	±0.1

Beam Size		Rack		Pinion		Gearbox	
X	Y	X	Y	X	Y	X	Y
SP250-30RP	AP110-20RP	Pitch: 7.5 Width: 25	Pitch: 7.5 Width: 25	Pitch: 7.5 Teeth: 20	Pitch: 7.5 Teeth: 20	FH060 (3:1)	FH060 (3:1)



2-AXIS Gantry Systems

2GI 20
20kg

2GI 20A
20kg

2GI 40
40kg

2GI 40A
40kg

2GI 60
60kg

2GI 100
100kg

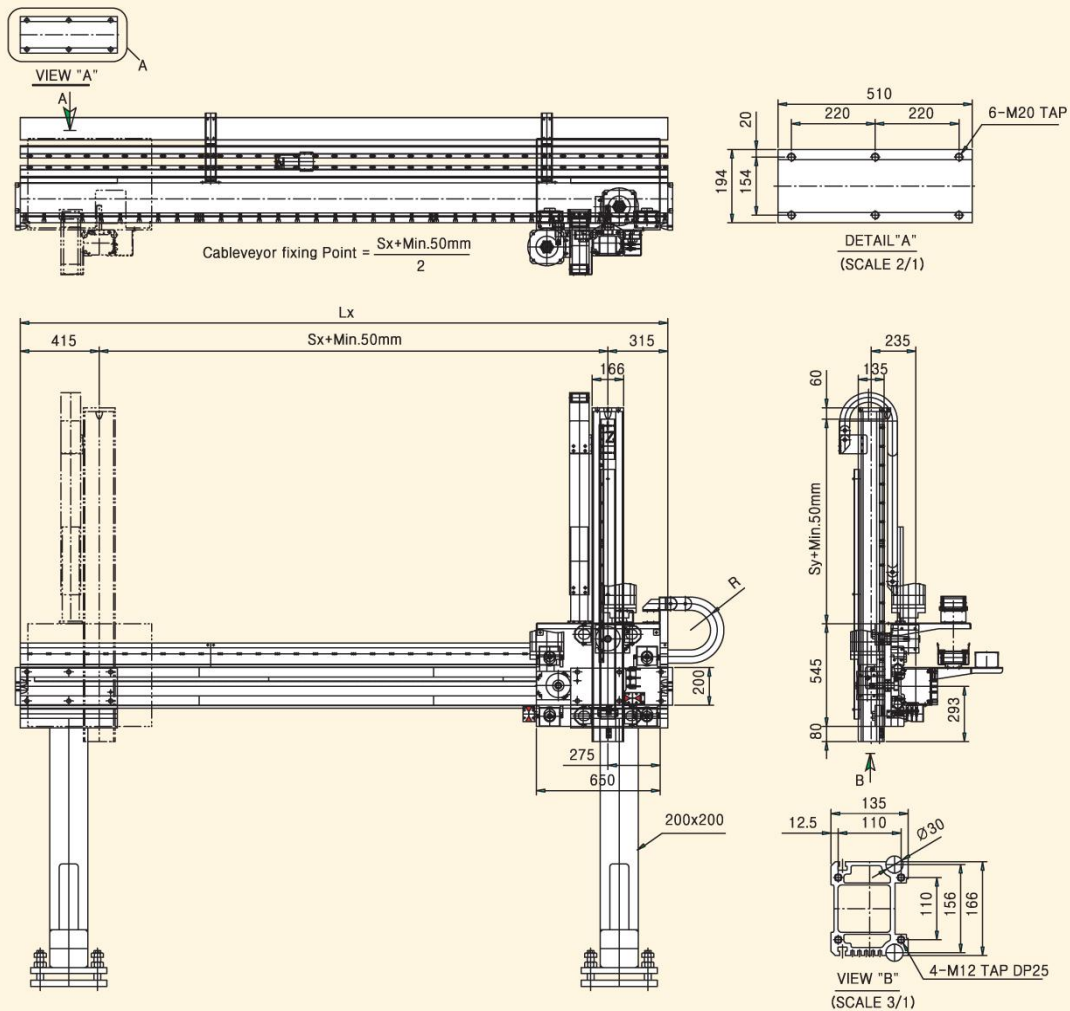
2GI 130
130kg

2GI 130A
130kg

2GI 200
200kg

Type	Max. Pay Load	Max. Speed(m/min)		Acceleration(m/s ²)		Repeatability (mm)
		X	Y	X	Y	
2GI 130A	130kg	150	150	5	3	±0.1

Beam Size		Rack		Pinion		Gearbox	
X	Y	X	Y	X	Y	X	Y
AP200-40RP	AP166-30RP	Pitch: 7.5 Width: 25	Pitch: 7.5 Width: 25	Pitch: 7.5 Teeth: 20	Pitch: 7.5 Teeth: 20	FH090 (3:1)	FH060 (3:1)



2-AXIS Gantry Systems

2GI 20 20kg	2GI 20A 20kg	2GI 40 40kg	2GI 40A 40kg	2GI 60 60kg	2GI 100 100kg	2GI 130 130kg	2GI 130A 130kg	2GI 200 200kg
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Type	Max. Pay Load	Max. Speed(m/min)		Acceleration(m/s ²)		Repeatability (mm)
		X	Y	X	Y	
2GI 200	200kg	150	100	3	2	± 0.1

Beam Size		Rack		Pinion		Gearbox	
X	Y	X	Y	X	Y	X	Y
SP250-30RP	AP166-30RP	Pitch: 10 Width: 30	Pitch: 10 Width: 30	Pitch: 10 Teeth: 20	Pitch: 10 Teeth: 20	FH090 (3:1)	FH090 (3:1)

SYSTEM

