

Stroke & Payload

Arm type

PXYx

X Stroke
150 to 650mm (kg)

Number of axes		2 axes
Y stroke (mm)	50	4.5
	100	4.5
	150	3.5
	200	2.5
	250	2
	300	1.5

FXYx

X Stroke
150 to 1050mm (kg)

Number of axes		2 axes		3 axes			
ZR-axis			I/O	ZS12	ZS6	ZT	
Z Stroke (mm)		150	12	12	150	150	50 to 300
Y stroke (mm)	150	12	12	3	5	3	
	250	12	12		5		
	350	11	11		5		
	450	9	9		5		
	550	7	7		3		

FXYBx

X Stroke
Cable carrier : 150 to 2450mm
Whipover : 150 to 950mm (kg)

Number of axes		2 axes	
ZR-axis			I/O
Y stroke (mm)	150	7	7
	250	6	6
	350	5	5
	450	5	5
	550	3	3

SXYx

X Stroke Cable carrier : 150 to 1050mm
Whipover : 150 to 850mm (kg)

Number of axes		2 axes		3 axes									4 axes									
ZR-axis			I/O	ZF			ZFL20			ZFH			ZS12	ZS6	ZRF			ZRFL20				
Z Stroke (mm)		150	20	19	10	10	10	8	8	8	13	12	11	150	150	150	250	350	150	250	350	
Y stroke (mm)	150	20	19	10	10	10	8	8	8	13	12	11	3	5	6	6	6	4	4	4	4	
	250	17	16	10	10	9	8	8	8	10	9	8			6	5	4	4	4	4	4	3
	350	15	14	9	8	7	8	7	6	8	7	6			4	3	2	4	3	1		
	450	13	12	7	6	5	6	5	4	6	5	4			3	2	1	2	1	-	-	
	550	11	10	5	4	3	4	3	2	4	3	2			2	1	-	1	-	-	-	
650	9	8	3	2	1	2	1	1	2	1	1	1	1	-	-	-	-	-	-			

Number of axes		4 axes				
ZR-axis		ZRFH		ZRS12	ZRS6	
Z Stroke (mm)		150	250	350	150	150
Y stroke (mm)	150	9	8	7	3	5
	250	6	5	4		5
	350	4	3	1		5
	450	2	1	-		5
	550	1	-	-		5
650	-	-	-	4		

SXYBx

X Stroke 150 to 3050mm (kg)

Number of axes		2 axes		3 axes									4 axes			
ZR-axis				ZF			ZFL20			ZFH			ZS12	ZS6	ZRS12	ZRS6
Z Stroke (mm)		150	250	350	150	250	350	150	250	350	150	150	150	150		
Y stroke (mm)	150	14	8	7	6	7	6	5	7	6	5	3	5	3	5	
	250	12	6	5	4	5	4	3	5	4	3		5	3	5	
	350	10	4	3	2	3	2	1	3	2	1		5	3	5	
	450	8	2	1	-	1	-	-	1	-	-		4	3	3	
	550	7	1	-	-	-	-	-	-	-	-		3	2	2	

NXY

X Stroke 2 axes to 3 axes : 500 to 2000mm
4 axes to 6 axes : 250 to 1750mm (kg)

Number of axes		2 axes		3 axes					4 axes*	6 axes*					
ZR-axis				ZFL			ZFH			ZFL			ZFH		
Z Stroke (mm)		150	250	350	150	250	350		150	250	350	150	250	350	
Y stroke (mm)	150	25	8	8	8	13	13	12	25	8	8	8	13	13	12
	250	21	8	8	8	12	11	10	21	8	8	8	12	11	10
	350	18	8	8	8	10	9	8	18	8	8	8	10	9	8
	450	16	8	7	6	8	7	6	16	8	7	6	8	7	6
	550	13	5	4	3	5	4	3	13	5	4	3	5	4	3
650	11	3	2	1	3	2	1	11	3	2	1	3	2	1	

* 4axes and 6axes are the double Y axis specifications.

Stroke & Payload

Arm type

MXy_x

X Stroke Cable carrier : 250 to 1250mm
 Whipover : 250 to 850mm (kg)

Number of axes		2 axes		3 axes						4 axes												
ZR-axis		I/O		ZFL10			ZFL20			ZFH			ZRFL10			ZRFL20			ZRFH			
Z Stroke (mm)				150	250	350	150	250	350	150	250	350	150	250	350	150 to 350			150	250	350	
Y stroke (mm)	150	30	29	15	15	15	8	8	8	14	13	12	11	11	11	4	150 to 350			11	9	8
	250	30	29	15	15	15		8	8	14	13	12	11	11	11		11	9	8			
	350	25	24	15	15	15		8	8	14	13	12	11	11	11		11	9	8			
	450	20	19	12	11	10		8	8	12	11	10	8	7	6		8	7	6			
	550	20	19	12	11	10		8	8	12	11	10	8	7	6		8	7	6			
	650	16	15	8	7	6		7	6	8	7	6	4	3	2		4	3	2			

HXY_x

X Stroke Cable carrier : 250 to 1250mm (kg)

Number of axes		2 axes		3 axes						4 axes									
ZR-axis				ZL			ZH			ZRL			ZRH						
Z Stroke (mm)				250	350	450	550	250	350	450	550	250	350	450	550	250	350	450	550
Y stroke (mm)	150	40	20	20	20	20	25	25	24	23	12	12	12	12	12	12	12	12	
	250	40	20	20	20	20	25	25	24	23	12	12	12	12	12	12	12	12	
	350	35	20	20	19	18	20	20	19	18	12	12	12	11	12	12	12	11	
	450	30	18	17	16	15	18	17	16	15	10	9	8	7	11	10	9	8	
	650	30	18	17	16	15	18	17	16	15	10	9	8	7	11	10	9	8	

HXYL_x

X Stroke 1150 to 2050mm (kg)

Number of axes		2 axes	
Y stroke (mm)	250	40	
	350	40	
	450	35	
	550	30	
	650	30	

Gantry type

MXy_x

X Stroke 250 to 1250mm (kg)

Number of axes		2 axes		3 axes						4 axes											
ZR-axis		I/O		ZFL10			ZFL20			ZFH			ZRFL10			ZRFL20			ZRFH		
Z Stroke (mm)				150	250	350	150 to 350			150	250	350	150	250	350	150 to 350			150	250	350
Y stroke (mm)	150	30	29	15	15	15	8	14	13	12	11	11	11	4	150 to 350			10	9	8	
	250	30	29	15	15	15		14	13	12	11	11	11		10	9	8				
	350	30	29	15	15	15		14	13	12	11	11	11		10	9	8				
	450	30	29	15	15	15		14	13	12	11	11	11		10	9	8				
	550	30	29	15	15	15		14	13	12	11	11	11		10	9	8				
	650	30	29	15	15	15		14	13	12	11	11	11		10	9	8				
	750	25	24	15	15	15		14	13	12	11	11	11		10	9	8				
	850	20	19	12	11	10		12	11	10	8	7	6		8	7	6				

HXY_x

X Stroke 250 to 1250mm (kg)

Number of axes		2 axes		3 axes		4 axes	
ZR-axis				ZL	ZH	ZRL	ZRH
Z Stroke (mm)				250 to 550	250 to 550	250 to 550	250 to 550
Y stroke (mm)	250 to 1050	50		20	30	12	20

HXYL_x

X Stroke 1150 to 2050mm (kg)

Number of axes		2 axes	
Y stroke (mm)	250 to 1050	50	

Stroke & Payload

Moving arm type

SXYx													
X Stroke 150 to 850mm												(kg)	
Number of axes		2 axes		3 axes									
ZR-axis		ZF			ZFL20			ZFH			ZS12	ZS6	
Z Stroke (mm)		150	250	350	150	250	350	150	250	350	150	150	
Y stroke (mm)	150	15	9	8	7	8	8	7	9	8	7	3	5
	250	14	8	7	6	8	7	6	8	7	6		
	350	13	7	6	5	7	6	5	7	6	5		

MXYx									
X Stroke 250 to 1250mm									(kg)
Number of axes		2 axes		3 axes					
ZR-axis		ZFL10			ZFL20		ZFH		
Z Stroke (mm)		150	250	350	150 to 350		150	250	350
Y stroke (mm)	150 to 550	20	12	11	10	8	12	11	10

HXYx						
X Stroke 250 to 1250mm						(kg)
Number of axes		2 axes		3 axes		
ZR-axis		ZH				
Z Stroke (mm)		250	350	450	550	
Y stroke (mm)	250	30	18	18	18	18
	350			18	18	18
	450			18	18	18
	550			17	16	15
	650			17	16	15

Pole type

SXYx		
X Stroke 150 to 850mm (kg)		
Number of axes		2 axes
Y stroke (mm)	150 to 550	8

MXYx					
X Stroke					
Cable carrier : 250 to 1250mm					
Whipover : 250 to 950mm (kg)					
Number of axes		2 axes		3 axes	
ZR-axis		ZPMH			
Z Stroke (mm)		150	250	350	
Y stroke (mm)	150 to 650	20	10	9	8

HXYx					
X Stroke					
Cable carrier : 250 to 1250mm					
Whipover : 250 to 850mm (kg)					
Number of axes		2 axes		3 axes	
Cable		Cable carrier	Whipover	Cable carrier	Whipover
ZR-axis		ZPH			
Z Stroke (mm)		250 to 650			
Y stroke (mm)	250	30	30	15	15
	350				
	450				
	550				
	650				
	750				
	850				
	950				
1050	-	-	-	-	

Stroke & Payload

XZ type

SXYx

X Stroke Cable carrier : 150 to 1050mm
Whipover : 150 to 850mm (kg)

Number of axes		2 axes			
ZR-axis		ZF	ZFL20	ZS12	ZS6
Z Stroke (mm)		150 to 350	150 to 350	150	150
X stroke (mm)	150 to 1050	10	8	3	5

SXYBx

X Stroke 150 to 3050mm (kg)

Number of axes		2 axes	
ZR-axis		ZF	ZFL20
Z Stroke (mm)		150 to 350	150 to 350
X stroke (mm)	150 to 3050	10	8

MXYx

X Stroke 150 to 1050mm (kg)

Number of axes		2 axes			
ZR-axis		ZFL10	ZFH		
Z Stroke (mm)		150 to 350	150	250	350
X stroke (mm)	150 to 1050	15	14	13	12

HXYx

X Stroke 250 to 1250mm (kg)

Number of axes		2 axes	
ZR-axis		ZL	ZH
Z Stroke (mm)		250 to 550	250 to 550
X stroke (mm)	250 to 1250	20	30

Clean type

SXYxC

X Stroke Cable duct : 150 to 1050mm (kg)

Number of axes		2 axes	3 axes		4 axes	
ZR-axis			ZSC12	ZSC6	ZRSC12	ZRSC6
Z Stroke (mm)			150	150	150	150
Y stroke (mm)	150	20	3	5	3	5
	250	17				5
	350	15				5
	450	13				5
	550	11				5
	650	9				4