



# List of X axis drive stages

An unparalleled variety of fittings to correspond to any kind of positioning, coupled with smooth sliding action



## List of X axis drive stages



Master technique stage  
**XJK-40**



Master technique stage  
**XJK-60**



Master technique stage  
**XJK-90**



Master technique stage  
**XJK-140**



Long Stage  
**XLSR-100**



Long Stage  
**XLSR-150**



Skeleton Stage  
**SK-60C/60R/60B/60Y**



Front Lock Stage  
**FR-X**



Multi-function feed  
screw stage  
**XTSC-70**



Multi-function feed  
screw stage  
**XTSC-90**



Multi-function feed  
screw stage  
**XTSC-120**



Multi-function feed  
screw stage  
**XTSC-150**





# List of X axis drive stages

An unparalleled variety of fittings to correspond to any kind of positioning, coupled with smooth sliding action



## X axis drive stages specifications

Model	Stage surface (mm)	Travel (mm)	Travel per rotation (mm)	Travel precision ( $\mu\text{m}$ )		Load capacity N (kgf)	Minimum scale reading (mm)	Weight (kg)
				Straightness	Degree of parallelism during operation			
XJK-40	24.8 x 42	$\pm 12$	18	20	25	29.4 (3)	0.1	0.17
XJK-60	40 x 60	$\pm 21$	18	30	30	39.2 (4)	0.1	0.29
XJK-90	40 x 90	$\pm 35$	18	30	30	39.2 (4)	0.1	0.40
XJK-140	40 x 140	$\pm 60$	18	30	30	39.2 (4)	0.1	0.56
XLSR-100	25 x 42	$\pm 40$	18	30	30	29.4 (3)	0.1	0.14
XLSR-150	25 x 42	$\pm 65$	18	40	40	29.4 (3)	0.1	0.17
SK-60C/60R/60B/60Y *1	40 x 60	$\pm 21$	18	30	30	19.6 (2.0)	0.1	0.11
XTSC-70-2 *2	25 x 40	$\pm 17$	2	30	30	29.4 (3)	0.1	0.12
XTSC-70-5 *2	25 x 40	$\pm 17$	5	30	30	29.4 (3)	0.1	0.12
XTSC-90-2 *2	25 x 40	$\pm 27$	2	30	30	29.4 (3)	0.1	0.14
XTSC-90-5 *2	25 x 40	$\pm 27$	5	30	30	29.4 (3)	0.1	0.14
XTSC-90-10 *2	25 x 40	$\pm 27$	10	30	30	29.4 (3)	0.1	0.14
XTSC-120-2 *2	25 x 40	$\pm 42$	2	30	30	29.4 (3)	0.1	0.16
XTSC-120-5 *2	25 x 40	$\pm 42$	5	30	30	29.4 (3)	0.1	0.16
XTSC-120-10 *2	25 x 40	$\pm 42$	10	30	30	29.4 (3)	0.1	0.16
XTSC-150-5 *2	25 x 40	$\pm 57$	5	40	40	29.4 (3)	0.1	0.18
XTSC-150-10 *2	25 x 40	$\pm 57$	10	40	40	29.4 (3)	0.1	0.18
FR-X	25 x 25	$\pm 8$	0.5	20	20	19.6	1.0	0.04

\*1 Accessory screws: Two M4 x 12 hexagonal bolts with washers, structural alloy steel, coated with black, parkerised film.

\*2 Depending on the selected degree of travel per handle turn, the model number will end in -2, -5 or -10.

\* Material: stage body: aluminium alloy, surface treatment: matt black alumite

\* Where special spec. have been selected, the model number will have the suffix RH, HL, RV, or WB.

(E.g., XTSC-90-5RH, XTSC-150-10HL, etc.)



# List of X axis drive stages

An unparalleled variety of fittings to correspond to any kind of positioning, coupled with smooth sliding action



## List of X axis Slide operation dovetail stage



**XMA25**



**XMA40**



**XMA60**



**XMA30-50**



**XMA40-80**



**XMA50**



**XMA90**



**XMA120**



**XMA150**



**XMB25**



**XMB40**



**XMB60**



**XMB30-50**



**XMB40-80**



# List of X axis drive stages

An unparalleled variety of fittings to correspond to any kind of positioning, coupled with smooth sliding action



## Slide operation Dovetail stage X axis specification

Model	Stage surface (mm)	Travel (mm)	Travel precision ( $\mu\text{m}$ )		Load capacity N (kgf)		Minimum reading of scale (mm)	Weight (kg)
			Straightness	Degree of parallelism during operation	Horizontal	vertical		
XMA25	25 × 25	± 6	20	30	29.4(3)	9.8(1)	0.1	0.023
XMA40	40 × 40	± 12	30	30	29.4(3)	9.8(1)	0.1	0.060
XMA60	60 × 60	± 21	30	30	39.2(4)	19.6(2)	0.1	0.132
XMA30-50	30 × 50	± 17	30	30	29.4(3)	14.7(1.5)	0.1	0.076
XMA40-80	40×80	±32	30	30	39.2(4)	19.6(2)	0.1	0.163
XMA50	25×40	±15	30	30	29.4(3)	14.7(1.5)	0.1	0.058
XMA90	25×40	±35	30	30	29.4(3)	14.7(1.5)	0.1	0.084
XMA120	25×40	±50	30	30	29.4(3)	14.7(1.5)	0.1	0.105
XMA150	25×40	±65	40	40	29.4(3)	14.7(1.5)	0.1	0.124
XMB25	25×25	±6	20	30	29.4(3)	9.8(1)	0.1	0.024
XMB40	40×40	±12	30	30	29.4(3)	9.8(1)	0.1	0.061
XMB60	60×60	±21	30	30	39.2(4)	19.6(2)	0.1	0.133
XMB30-50	30×50	±17	30	30	29.4(3)	14.7(1.5)	0.1	0.078
XMB40-80	40×80	±32	30	30	39.2(4)	19.6(2)	0.1	0.166

\* Material: stage body: aluminium alloy, surface treatment: matt black alumite

