

LAGUN

ENGINEERING
ALWAYS TRUST A LAGUN

ZAYER MOVING COLUMN TYPE SERIES



Designed specifically to handle tall projects, the moving column Kairos machining center from Zayer allows multi-sided machining operations. An extremely fast rapid feed also makes the Kairos ideal for pendulum work. Multiple head options allow for a variety of capabilities including five-axis machining.

SPECIFICATIONS

	Kairos	Kairos M	Kairos P
X - Axis Longitudal	118" to 590"(3,000 mm to 15,000 mm)	118"-590"(3,000 -15,000 mm)	118"-590"(3,000 -15,000 mm)
Y - Axis Cross	47" or 59"* (1,200 mm or 1,500* mm)	47" to 79"* (1,200 to 2,000* mm)	63" or 79"* (1,600 or 2,000* mm)
Z - Axis Vertical	63" to 157"* (1,600 to 4,000* mm)	118" to 197"* (3,000 to 5,000* mm)	177" to 315"* (4,500 to 8,000* mm)
Working Feed	up to 394"IPM (10,000 mm/min)	up to 394"IPM (10,000 mm/min)	up to 394"IPM (10,000 mm/min)
Longitudinal Rapid Feed	1,118" IPM (30,000 mm/min ⁽¹⁾)	984" IPM (25,000 mm/min ⁽¹⁾)	591" IPM (15,000 mm/min ⁽¹⁾)
Cross Rapid Feed	1,118" IPM (30,000 mm/min)	1,118" IPM (30,000 mm/min)	984" IPM (25,000 mm/min)
Vertical Rapid Feed	1,118" IPM (30,000 mm/min ⁽¹⁾)	1,118" IPM (30,000 mm/min ⁽¹⁾)	591" IPM (15,000 mm/min ⁽¹⁾)
Drives of X axis		Two motors rack and pinion	
Power	32* - 43 HP (40*-54 kW)	54 HP (40 kW)	99 HP (74 kW)
Speed of the Spindle Head	3,000 - 6,000* RPM	3,000 - 6,000* RPM	3,000 - 4,500* RPM
Positioning and repeatability accuracy	.0003"/157" - .0001" (0.008/4,000 - 0.005 mm)	.0003"/157" - .0001" (0.008/4,000 - 0.005 mm)	.0003"/157" - .0001" (0.008/4,000 - 0.005 mm)
Tool Magazine	30-40*-60*-80*	30-40*-60*-80*-100*	30-40*-60*-80*-100*-120*
Approx Net Weight	52,910 - 74,957 lb (24,000 - 34,000 kg)	66,138 - 132,277 lb (30,000 - 60,000 kg)	110,231 - 264,555 lb (50,000 - 120,000 kg)

(1) - Depending on vertical travel

* - Optional



KAIROS

KAIROS M

KAIROS P

ZAYER MILLING HEAD OPTIONS



30° Automatic Gear Head
Continuous/Positioning
Rotation



30° Automatic with
Electrospindle



Direct Outlet

Note: Specifications are rounded up to the nearest inch. Millimeter measurements are precise in accuracy

Images used in this publication are for illustration purposes only, and may show optional features not included with the model. Lagun Engineering Solutions is not responsible for any printed or typographical errors. Specification are subject to change without notice. Weights and measurements are approximate and may vary. Please contact the plant or distributor for further information.