

HUSKY®

ALTANIUM MULTISHOT™

SERVO INJECTION TECHNOLOGY



ALTANIUM MULTISHOT™

Rotary platen



Injection units



Reliability, higher uptime production, especially with heavy duty production cycles.

A portfolio of injection units and rotary platen products, our MultiShot™ technology is a fully integrated, multi-material solution that improves manufacturing efficiency, performance, and flexibility.

Transform conventional injection molding machines to multi-material production solutions.

One material/
conventional system



Multi material/
complex system



Enabling expanded molding capability, the secondary injection unit and rotary platen technologies turn any single-barrel injection molding machine into a multi-material injection molding production cell.

FULLY-SERVO DRIVEN ROTARY PLATEN STANDARD FEATURES*

SPI, Euromap &
Custom Bolting &
Knock-out Patterns

Optional Media Circuits
for Oil & Water
No flow restrictions!

Pneumatic
Lock Wedge

Copper Alloy
Coated Base Plate
with Superior Wear
Resistance

Customizable
Motor Position

Harting
Connector for
Electrical Slip
Ring Option

Remote Mounted
Absolute Encoder
for Enhanced
Positional
Accuracy

ALTANIUM®
CONTROL
TECHNOLOGY
- 6SERIES

Integrate with Altanium
MultiShot™ Injection Unit or
Independent Motion Control

* Husky reserves the right to adjust specifications without notice.

Multi-Material Production Cells - Altanium
MultiShot™ Servo Injection Technology

**WATCH ALTANIUM
MULTISHOT™ IN ACTION!**



FULLY-SERVO DRIVEN INJECTION UNIT

ALTANIUM MULTISHOT™

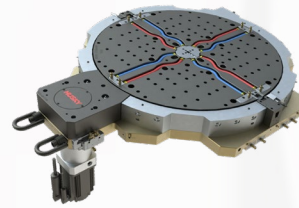
Fully-servo driven injection unit



- » Flexible, efficient, and fully-electric
- » Faster leadtime than OEM 2k Machines
- » Complex molding process capabilities
- » Euromap-67 interface connection to IMM
- » Industry 4.0 compliant
- » Mold mount, vertical or horizontal

ALTANIUM MULTISHOT™

Fully-servo driven rotary platen

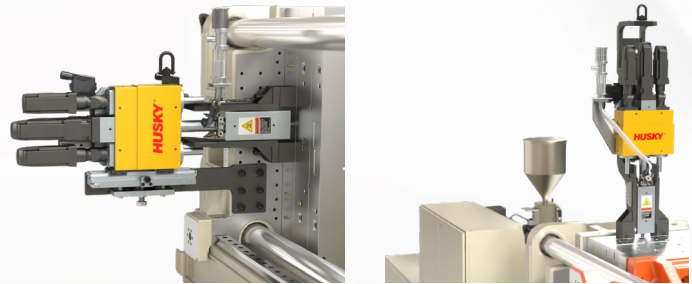


- » Developed first machine solution in 1998
- » Products designed and built to order
- » Faster leadtime
- » Greater resale value of IMM
- » Flexibility across IMM assets and facility locations

MOUNTING EXAMPLES

MOLD MOUNT - Horizontal / Vertical

- » Fasten directly to the mold.
- » Mounted vertically or horizontally using standard mounting patterns.
- » E67 Robot Interface for IMM signals



VERTICAL PLATEN MOUNT

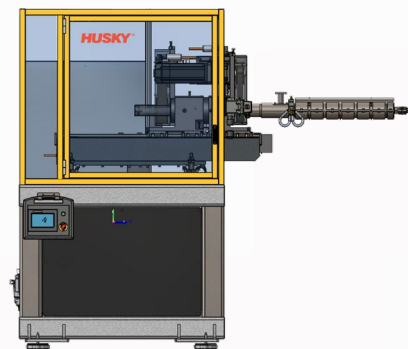
- » Attaches to IMM stationary platen
- » Can easily exchange from machine to machine, or mold to mold.
- » Mechanical or optional powered X-axis.



HORIZONTAL 'L' CONFIGURATION

Freestanding

- » Large capacity horizontal plasticizer – 25 oz HIPS
- » Position on non-operator side of IMM
- » HMI Added - Ltd-use for Technician, Purging



SPECIFICATIONS*

ALTANIUM MULTISHOT™

Fully-servo Driven Injection Unit

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Servo Model	Max Injection Stroke Inch (mm)	Screw Ø	Max Shot Volume (in3)	Max Shot Volume (cc)	Max Capacity PP** (oz.)	Max Capacity HIPS** (oz.)	Max Injection Pressure (psi)	Max Injection Pressure (bar)	Max Injection Velocity in/s (mm/s)	Max Injection Velocity Volume (in3/s)	Max Injection Velocity Volume (cc/s)	Max Screw RPM	Max Screw Torque NM	
E14S	2.0 (50)	12mm	0.35	5.7	-	-	26,000	1,793	5.5 (140)	0.9	15.8	350	33	Mold Mount
		14mm	0.48	7.8	-	-	26,000	1,793		1.3	21.5			Vertical
		16mm	0.62	10.2	-	-	20,000	1,379		1.7	28.0			Horizontal
E14	4.0 (101)	14mm	0.95	15.6	0.4	0.5	36,000	2,483	7.1 (180)	1.6	27.8	350	100	Mold Mount
		16mm	1.25	20.4	0.5	0.7	36,000	2,483		2.2	36.3			Vertical
		18mm	1.58	25.9	0.7	0.9	29,000	2,000		2.8	45.8			Horizontal
		20mm	1.95	31.9	0.8	1.1	23,000	1,586		3.4	56.6			
E22	5.5 (139)	22mm	3.24	53.1	1.4	1.8	35,000	2,414	7.1 (180)	4.2	68.6	300	300	Horizontal
		24mm	3.86	63.2	1.7	2.2	34,000	2,345		5.0	81.6			Vertical
		28mm	5.25	86.0	2.3	2.9	29,000	2,000		6.8	111.0			Platen
		32mm	6.86	112.4	3.0	3.8	25,000	1,724		8.9	145.0			
E32	8.0 (203)	32mm	9.97	163.4	4.3	5.6	34,000	2,345	7.1 (180)	8.9	145.0	300	600	Horizontal
		36mm	12.62	206.8	5.5	7.1	31,000	2,138		11.2	183.6			Vertical
		40mm	15.58	255.3	6.8	8.7	28,000	1,931		13.8	226.6			Platen
		45mm	19.72	323.2	8.5	11.1	25,000	1,724		17.5	286.8			
E45	10.0 (254)	45mm	24.65	404.0	10.7	13.8	34,000	2,345	7.1 (180)	17.5	286.8	275	1,100	Horizontal
		50mm	30.43	498.7	13.2	17.1	31,000	2,138		21.6	354.1			Vertical
		55mm	36.82	603.4	16.0	20.6	27,000	1,862		26.1	428.4			Platen
		60mm	43.82	718.1	19.0	24.6	23,000	1,586		31.1	509.9			

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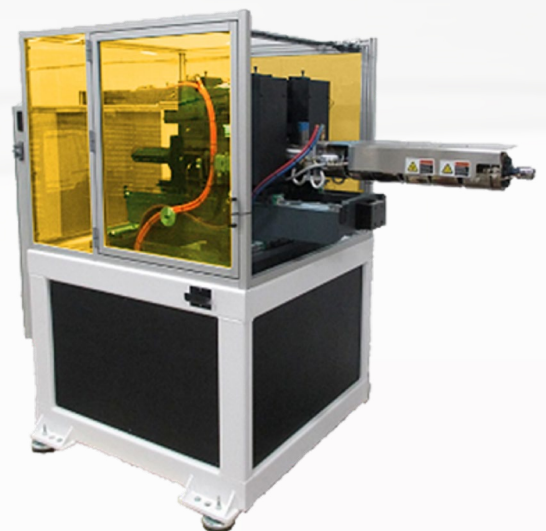
VERTICAL / HORIZONTAL MOLD - MOUNT



VERTICAL PLATEN MOUNT



HORIZONTAL 'L' MOUNT



SPECIFICATIONS*

ALTANIUM MULTISHOT™

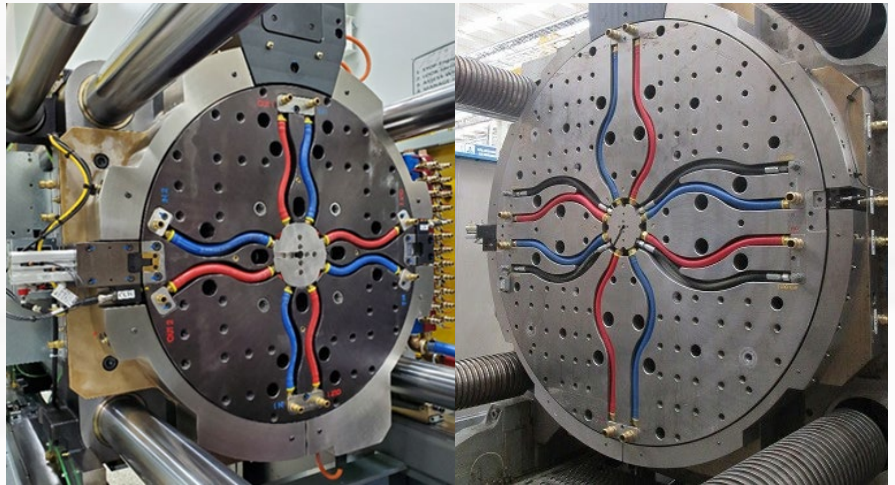
Fully-servo Driven Rotary Platen

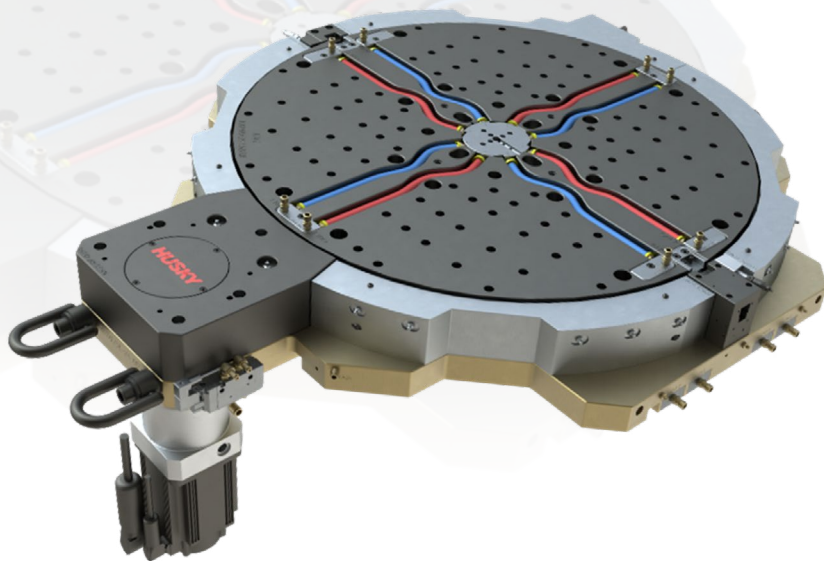
ALTANIUM®
CONTROL
TECHNOLOGY

	Size Ø	Minimum Tie Bar Clearance		Minimum Free Space Diameter		# Water Circuits & Diameter			Shut Height		Oil Media	Oil Circuits	Rotary Platen Weight		Max Mold Weight	
Model	(mm)	(in)	(mm)	(in)	(mm)	(Qty)	(in)	(mm)	(in)	(mm)	Diameter		(lbs)	(kg)	(lbs)	(kg)
RP650	650	20.08 x 20.08	510 x 510	29.3	744	4	Ø 0.34	Ø 8.6	5.9	150	DO:3, Ø 0.28in 7mm	2	1,200	545	1,114	506
RP750	750	22.05 x 22.05	560 x 560	33.2	843								1,540	700	1,710	777
RP850	850	25.00 x 25.00	635 x 635	36.9	937								2,150	977	2,490	1,132
RP975	975	23.75 x 23.75	730 x 730	41.6	1,057								2,570	1,163	3,760	1,709
RP1100	1,100	31.90 x 31.90	810 x 810	46.9	1,191								5,300	2,409	5,395	2,452
RP1250	1,250	34.64 x 34.64	880 x 880	52.4	1,331								5,950	2,705	7,920	3,600
RP1340	1,340	39.37 x 39.37	1000 x 1000	55.5	1,410								6,900	3,136	9,760	4,436
RP1400	1,400	39.90 x 39.90	1013 x 1013	58.7	1,491	4	Ø 0.72	Ø 18.3	9.0	230	DO:5, Ø 0.41in 10.4mm	2	7,300	3,318	11,130	5,509
RP1500	1,500	42.90 x 42.90	1089 x 1089	63.4	1,610								8,285	3,766	13,680	6,218
RP1600	1,600	44.90 x 44.90	1140 x 1140	66.5	1,689								9,225	4,193	16,600	7,545
RP1800	1,800	51.00 x 51.00	1295 x 1295	74.8	1,900								11,600	5,273	23,640	10,745
RP2000	2,000	56.00 x 56.00	1422 x 1422	84.2	2,319								14,200	6,455	32,425	14,739
RP2200	2,200	63.00 x 63.00	1600 x 1600	94.0	2,380								16,920	7,691	40,000	18,182
RP2550	2,550	70.00 x 70.00	1778 x 1778	106.4	2,703								22,560	10,255	45,000	20,455

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- » Heavy Load Capacity
- » Easy Integration
- » Optional Media Circuits
- » Configurable Drive Train Location
- » Independent or Integrated Control
- » Lock Wedge - Cyclic Position Holding
- » Electrical Slip Ring

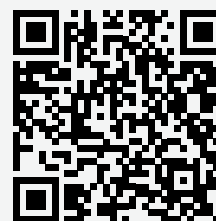




Get Started With Husky's Hot Runner Solutions

Get in touch to discuss your injection molding goals and to learn more about Husky's hot runner solutions and expertise.

LET'S START YOUR PROJECT »



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