

U.S. Baird 5 Series

High Speed *Multiple Transfer*® Presses

Specification	U.S. Baird 5-51	U.S. Baird 5L-51	U.S. Baird 5-60	U.S. Baird 75C-60
Capacity (max.)	75 tons (665kN)	75 tons (665kN)	75 tons (665kN)	75 tons (665kN)
Ram Strokes	3.5" (88.9mm) 4.0" (101.6mm) 4.5" (114.3mm) 5.0" (127.0mm)	4.0" (101.6mm) 4.5" (114.3mm) 5.0" (127.0mm) 7.0" (177.8mm)	4.5" (114.3mm) 5.0" (127.0mm) 6.0" (152.4mm) 7.0" (177.8mm)	3.5" (89.0mm) 4.5" (114.3mm) 5.0" (127.0mm) 6.0" (152.4mm)
Shut Height (Ram Step to Bolster)	18.0" (457.2mm)	20.0" (508.0mm)	20.0" (508.0mm)	21.0" (533.4mm)
Ram Width	50.93" (1293.8mm)	50.93" (1293.8mm)	59.93" (1522.4mm)	59.93" (1522.4mm)
Cup Tonnage	3.25 tons (28.8kN)	3.25 tons (28.8kN)	9.5 tons (84.2kN)	9.5 tons (84.2kN)
Motor	20HP @ 1150 RPM	20HP @ 1150 RPM	25HP @ 1150 RPM	30HP @ 1150 RPM
Speed	40-90 SPM	40-90 SPM	65-130 SPM	65-130 SPM
Floor Space (L-R)	113.43" (2881mm)	113.43" (2881mm)	123.0" (3124mm)	123.0" (3124mm)
Floor Space (F-B)	64.5" (1638mm)	64.5" (1638mm)	72.0" (1829mm)	72.0" (1829mm)
Height	116.37" (2956mm)	116.37" (2956mm)	126.00 (3200mm)	126.0" (3200)
Side to Side with OSHA guards	121.0" (3073mm)	121.0" (3073mm)	138.0" (3505mm)	138.0" (3505mm)
Front to Rear with OSHA guards	81.0" (2057mm)	81.0" (2057mm)	92.0" (2337mm)	92.0" (2337mm)
Height with OSHA guards	125.5" (3188mm)	125.5" (3188mm)	144.0" (3658mm)	144.0" (3658mm)
Net Weight with Die Set	25400lbs (11520kN)	25400lbs (11520kN)	34500lbs (15650mm)	38500lbs (17463kN)
Shipping Weight	25900lbs (11750kN)	25900lbs (11750kN)	35000lbs (15876mm)	40000lbs (18144kN)
Maximum Width of Material	6.62" (168.3mm)	6.62" (168.3mm) *	11.5" (292.0mm) *	11.5" (292.0mm) *
Maximum Feed Length	4.00" (101.6mm)	4.00" (101.6mm)	5.0" (127.0mm)	5.0" (127.0mm)

*Available with Electronic Oscillating Feed for 8.5" (215.9mm) and 11.0" (279.4mm) wide stock -2 to 10 row capability

Corresponding Die Sets

U.S. Baird 5-51				U.S. Baird 5L-51				U.S. Baird 5-60			
Stations	Center Distance of Transfer Stoke	Max. Blank Diameter*	Max. Blank Diameter**	Stations	Center Distance of Transfer Stoke	Max. Blank Diameter*	Max. Blank Diameter**	Stations	Center Distance of Transfer Stoke	Max. Blank Diameter*	Max. Blank Diameter**
9	5.5"	3.75"	4.0"	9	5.5"	3.75"	4.0"	12	5.0"	2.75"	3.75"
10	5.0"	3.25"	3.37"	10	5.0"	3.25"	3.75"	13	4.5"	2.75"	3.37"
11	4.5"	2.75"	3.37"	11	4.5"	2.75"	3.37"	14	4.0"	2.5"	3.37"
12	4.0"	2.5"	3.37"	12	4.0"	2.5"	3.37"	17	3.5"	2.25"	3.0"
13	4.0"	2.5"	3.37"	13	4.0"	2.5"	3.37"				
14	3.5"	2.25"	3.0"	14	3.5"	2.25"	3.0"				
U.S. Baird 75C-60											
Stations	Center Distance of Transfer Stoke	Max. Blank Diameter*	Max. Blank Diameter**								
10	5.5"	3.75"	4.0"								
11	5.0"	3.25"	3.37"								
12	4.5"	2.75"	3.37"								
14	4.0"	2.5"	3.37"								

*When full size blank must be transferred to 2nd station

**When blank and cup performed at the 1st station