

U.S. Baird 4 Series

High Speed *Multiple Transfer*® Presses

Specification	U.S. Baird 4-37	U.S. Baird 4-44	U.S. Baird 4C-44	U.S. Baird 4-56	U.S. Baird 45C-44
Capacity (max.)	45 tons (400kN)	45 tons (400kN)	45 tons (400kN)	45 tons (400.34kN)	45 tons (400kN)
Ram Strokes	2.5" (63.5mm) 3.0" (76.2mm) 4.0" (101.6mm) 4.5" (114.3mm) 5.0" (127.0mm)	2.5" (63.5mm) 3.0" (76.2mm) 4.0" (101.6mm) 4.5" (114.3mm) 5.0" (127.0mm) 5.5" (140mm)	2.5" (63.5mm) 3.0" (76.2mm) 4.0" (101.6mm) 4.5" (114.3mm) 5.0" (127.0mm)	2.5" (63.5mm) 3.0" (76.2mm) 4.0" (101.6mm) 4.5" (114.3mm) 4.75" (120.7mm) 5.0" (127.0mm) 5.5" (140mm)	3.5" (89.0) 4.0" (101.6mm) 4.5" (114.3mm) 5.0" (127.0mm)
Shut Height (Ram Step to Bolster)	15.25" (367.35mm)	15.25" (367.35mm)	15.25" (367.35mm)	15.25" (387.4mm)	16.125" (409.6mm)
Ram Width	37.0" (939.8mm)	43.937" (1115.1mm)	37.0" (939.8mm)	56.0" (1422.4mm)	43.937" (1115.1mm)
Cup Tonnage	2.25 tons (20.0kN)	2.25 tons (20.0kN)	9.5 tons (84.2kN)	4.5 tons (40.03kN)	2.25 tons (20.0kN)
Motor	10HP @ 1150 RPM	15HP @ 1150 RPM	15HP @ 1150 RPM	25 HP @ 1750 RPM	20HP @ 1150 RPM
Speed	60-160 SPM	110-250 SPM	110-230 SPM	100-300 SPM	110-250 SPM
Floor Space (L-R)	87.5" (2223mm)	95.0" (2413mm)	95.0" (2413mm)	117.75" (2990.9mm)	95.0" (2413mm)
Floor Space (F-B)	62.5" (1588mm)	62.5" (1588mm)	62.5" (1588mm)	73.62" (1869.9mm)	62.5" (1588mm)
Height	102.87" (2613mm)	104.75" (2660mm)	104.75" (2660mm)	121.0" (3073.4mm)	104.75" (2660mm)
Side to Side with OSHA guards	103.0" (2616mm)	104.75" (2660mm)	104.75" (2660mm)	135.0" (3429mm)	104.75" (2660mm)
Front to Rear with OSHA guards	68.0" (1727mm)	68.0" (1727mm)	68.0" (1727mm)	80.0" (2032mm)	68.0" (1727mm)
Height with OSHA guards	111.0" (2819mm)	112.5" (2858mm)	112.5" (2858mm)	134.0" (3403.6mm)	112.5" (2858mm)
Net Weight with Die Set	14500lbs (6580kN)	16700lbs (7588kN)	16700lbs (7588kN)	29,000lbs (13154.2kg)	16700lbs (7588kN)
Shipping Weight	15000lbs (6800kN)	17200lbs (7800kN)	17200lbs (7800kN)	29,500lbs (13381kg)	17200lbs (7800kN)
Maximum Width of Material	5.5" (140.0mm)	5.5" (140.0mm) *	5.5" (140.0mm) *	5.5" (140.0mm) *	5.5" (140.0mm) *
Maximum Feed Length	3.37" (85.7mm)	3.37 (85.7)	3.37" (85.7mm)	3.37" (85.7mm)	3.37" (85.7mm)

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

Corresponding Die Sets

U.S. Baird 4-37				U.S. Baird 4-44				U.S. Baird 4C-44			
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**
8	4.5"	2.75"	2.75"	9	4.75"	2.75"	2.75"	9	4.75"	2.75"	2.75"
9	4.0"	2.5"	2.75"	10	4.5"	2.75"	2.75"	10	4.5"	2.75"	2.75"
10	3.5"	2.25"	2.75"	12	3.5"	2.25"	2.75"	12	3.5"	2.25"	2.75"
12	3.0"	2.0"	2.5"	14	3.0"	2.0"	2.5"	14	3.0"	2.0"	2.5"
13	3.0"	2.0"	2.5"	17	2.5"	1.5"	2.5"	17	2.5"	1.5"	2.5"
14	2.5"	1.5"	2.0"								
15	2.5"	1.5"	2.0"								
U.S. Baird 4-56				U.S. Baird 45C-44							
Stations	Center Distance of Transfer Stoke	Max. Blank Diameter*	Max. Blank Diameter**	Stations	Center Distance of Transfer Stoke	Max. Blank Diameter*	Max. Blank Diameter**				
13	4.0"	2.5"	2.75"	10	4.5"	2.75"	2.75"				
15	3.5"	2.25"	2.75"	12	3.5"	2.25"	2.75"				
18	3.0"	2.0"	2.5"	13	3.25"	2.25"	2.75"				
21	2.5"	1.5"	2.0"	14	3.0"	2.0"	2.5"				
				10	4.5"	2.75"	2.75"				

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

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