ARKITECH LIGHT STEEL FRAMING SYSTEM COMPARISON CHART

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Framer	AF1200P	AF1600P	AF2000P	AF2500P	RS1200P	RS1600P	MF1200P	MF1600P	MF2000P	MF2500P	MF3000P	MF4000P
Profile	**Single Profile**	**Single Profile**	**Single Profile**	**Single Profile**	**Multi Profile**	**Multi Profile**	**Multi Profile**	**Multi Profile**	**Multi Profile**	**Multi Profile**	**Multi Profile**	**Multi Profile**
Profile Shapes	C & U	C & U	C & U	C & U	Truss I Ceiling I Roof	Truss I Ceiling I Roof	C & U	C & U	C & U	C & U	C & U, Sigma	C & U, Sigma, Z
Hydraulic Stations	8	8	8	8	7	7	9	9	16	16	16	16
Punching Tools	9 Standard	9 Standard	9 Standard	8 Standard	7 Standard	7 Standard	10 Standard	10 Standard	17 Standard	17 Standard	17 Standard	17 Standard
1	Cut	Cut	Cut	Cut	Cut	Cut	Cut	Cut	Cut	Cut	Cut	Cut
2	Notch	Notch	Notch	Double Tab	Flange Connection 1	Flange Connection 1	Notch	Notch	Notch	Notch	Notch	Notch
3	Swage	Swage	Swage	Swage	Flange Connection 2	Flange Connection 2	Swage	Swage	Swage	Swage	Swage	Swage
4	Lip Cut	Lip Cut	Lip Cut	Lip Cut	Web Bolt Hole	Web Bolt Hole	Lip Cut	Lip Cut	Lip Cut	Lip Cut	Lip Cut	Lip Cut
5	Service Hole	Service Hole	Service Hole	Dimpled Flange Bolt	Lip Cut	Lip Cut	Service Hole	Service Hole	Service Hole	Service Hole	Service Hole	Service Hole
6	Web Bolt + Index Holes (2)	Web Bolt + Index Holes (2)	Web Bolt + Index Holes (2)	Swaged Service Hole	Swage	Swage	Web Bolt + Index Holes (2)	Web Bolt + Index Holes (2)	Web Bolt + Index Holes (2)	Web Bolt + Index Holes (2)	Web Bolt + Index Holes (2)	Web Bolt + Index Holes (2)
7	Dimpled Screw/Rivet	Dimpled Screw/Rivet	Dimpled Screw/Rivet	Web Multi Bolt Hole (x5)	Notch	Notch	Pre Cut	Pre Cut	Pre Cut	Pre Cut	Pre Cut	Pre Cut
8	Chamfer	Chamfer	Chamfer	Pre Cut	-	-	Dimpled Screw/Rivet	Dimpled Screw/Rivet	Dimpled Screw/Rivet	Dimpled Screw/Rivet	Dimpled Screw/Rivet	Dimpled Screw/Rivet
9	-	-	-	-	-	-	Chamfer	Chamfer	Chamfer	Chamfer	Chamfer	Chamfer
10	-	-	-	-	-	-	-	-	Double Tab	Double Tab	Double Tab	Double Tab
11	-	-	-	-	-	-	-	-	Flange Bolt	Flange Bolt	Flange Bolt	Flange Bolt
12	-	-	-	-	-	-	-	-	Swaged Service Hole	Swaged Service Hole	Swaged Service Hole	Swaged Service Hole
13	-	-	-	-	-	-	-	-	Web Multi Bolt Hole (x5)	Web Multi Bolt Hole (x5)	Web Multi Bolt Hole (x5)	Web Multi Bolt Hole (x5)
14	-	-	-	-	-	-	-	-	Dimpled Flange Bolt	Dimpled Flange Bolt	Dimpled Flange Bolt	Dimpled Flange Bolt
15	-	-	-	-	-	-	-	-	Slot Hole	Slot Hole	Slot Hole	Slot Hole
16	-	-	-	-		-	-	-	Flange Multi Connection	Flange Multi Connection	Flange Multi Connection	Flange Multi Connection
Optional Punching Tools	2	2	2	1	1	1	2	2	2	2	2	2
1	Lip Flatten	Lip Flatten	Lip Flatten	Service Hole	Web 8mm Dia Bolt Hole	Web 8mm Dia Bolt Hole	Double Web Bolt Hole	Double Web Bolt Hole	-	-	-	-
2	Elliptic Service Hole	Elliptic Service Hole	Elliptic Service Hole	Web 34mm + 2x13mm Hole	-	-	Eliptic Service Hole	Eliptic Service Hole	-	-	-	-
3	50mm Service Hole	50mm Service Hole	50mm Service Hole	-	-	-	Dimpled Flange Bolt	Dimpled Flange Bolt	-	-	-	-
4	Flange Multi Connection	Flange Multi Connection	Flange Multi Connection	-	-	-	Slot Hole	Slot Hole	-	-	-	-
Steel Thickness	0.55mm to 1.2mm 25ga to 18ga	0.75mm to 1.6mm 22ga to 16ga	0.75mm to 2.0mm 22ga to 14ga	1.0mm to 2.5mm 20ga to 12ga	0.55mm to 1.2mm 25ga to 18ga	0.75mm to 1.6mm 22ga to 16ga	0.55mm to 1.2mm 25ga to 18ga	0.75mm to 1.6mm 22ga to 16ga	0.75mm to 2.0mm 22ga to 14ga	0.75mm to 2.5mm 22ga to 12ga	1.0mm to 3.0mm 20ga to 11ga	1.0mm to 4.0mm 20ga to 9ga
Steel Grade	S270 to S550	S270 to S550	S270 to S550	S270 to S550	S270 to S550	S270 to S550	S270 to S550	S270 to S550	S270 to S550	S270 to S550	S270 to S550	S270 to S550
Profile Width	63mm I 75mm I 90mm 100mm I 140mm I 150mm 2½" I 3" I 3½" 4" I 5½" I 6"	63mm I 75mm I 90mm 100mm I 140mm I 150mm 2½" I 3" I 3½" 4" I 5½" I 6"	63mm I 75mm I 90mm 100mm I 140mm I 150mm 2½" I 3" I 3½" 4" I 5½" I 6"	200mm I 225mm I 250mm 275mm I 300mm 8" I 9" I 10" 11" I 12"	15mm I 42mm I 55mm 15mm I 42mm I 40mm 15mm I 42mm I 22mm 5/8" I 1⅜" I 2⅛" & 1⅜" & 7/8"	15mm I 42mm I 55mm 15mm I 42mm I 40mm 15mm I 42mm I 22mm 5/8" I 1⅜" I 2⅛" & 1⅜" & 7/8"	63mm to 150mm 2½" to 6"	63mm to 200mm 2½" to 8"	63mm to 250mm 2½" to 10"	63mm to 300mm 2½" to 12"	75mm to 350mm 3" to 14"	75mm to 400mm 3" to 16"
Profile Flange	41mm to 51mm 1⅝" to 2"	41mm to 51mm 1⅝" to 2"	45mm to 55mm 1¾" to 2⅛	55mm to 70mm 2¼" to 2¾"	22mm to 55mm 7/8" to 2⅛"	22mm to 55mm 7/8" to 2⅛"	41mm to 51mm 1¾" to 2"	41mm to 55mm 1⅝" to 2⅛"	41mm to 70mm 1¾" to 2¾"	41mm to 75mm 1¾" to 3"	45mm to 75mm 1¾" to 3"	45mm to 75mm 1¾" to 3"
Boxable Section	Optional	Optional	Optional	Optional	No	No	Yes	Yes	Yes	Yes	Yes	Yes
Drive Power	8.8 kW	15 kW	22 kW	22 kW	15 kW	15 kW	15 kW	15 kW	22 kW	22 kW	3 x 22 kW	3 x 22 kW
Hydraulic Power	7.5 kW	11 kW	17 kW	17 kW	11 kW	11 kW	11 kW	11 kW	17 kW	17 kW	22 kW	22 kW
Decoiler	2500 Kg 5500 lb	2500 Kg 5500 lb	2500 Kg 5500 lb	4000 Kg 8800 lb	2500 Kg 5500 lb	2500 Kg 5500 lb	2500 Kg 5500 lb	2500 Kg 5500 lb	4000 Kg 8800 lb	4000 Kg 8800 lb	8000 Kg 17600 lb	8000 Kg 17600 lb
Printer	Dual Head	Dual Head	Dual Head	Dual Head	Single Head	Single Head	Dual Head	Dual Head	Dual Head	Dual Head	Dual Head	Dual Head
Design Software	Arkitech Designer Strucsoft MWF Vertex BD Tekla Structures	Arkitech Designer Strucsoft MWF Vertex BD Tekla Structures	Arkitech Designer Strucsoft MWF Vertex BD Tekla Structures	Arkitech Designer Strucsoft MWF Vertex BD Tekla Structures	Arkitech Designer Strucsoft MWF Vertex BD Tekla Structures	Arkitech Designer Strucsoft MWF Vertex BD Tekla Structures	Arkitech Designer Strucsoft MWF Vertex BD Tekla Structures	Arkitech Designer Strucsoft MWF Vertex BD Tekla Structures	Arkitech Designer Strucsoft MWF Vertex BD Tekla Structures	Arkitech Designer Strucsoft MWF Vertex BD Tekla Structures	Arkitech Designer Strucsoft MWF Vertex BD Tekla Structures	Arkitech Designer Strucsoft MWF Vertex BD Tekla Structures
Framer Software	Arkitech Framer	Arkitech Framer	Arkitech Framer	Arkitech Framer	Arkitech Framer	Arkitech Framer	Arkitech Framer	Arkitech Framer	Arkitech Framer	Arkitech Framer	Arkitech Framer	Arkitech Framer
Input File	.ark - .csv	.ark - .csv	.ark - .csv	.ark - .csv	.ark - .csv	.ark - .csv	.ark - .csv	.ark - .csv	.ark - .csv	.ark - .csv	.ark - .csv	.ark - .csv
Onboard Monitor	19" Touch Screen	19" Touch Screen	19" Touch Screen	19" Touch Screen	19" Touch Screen	19" Touch Screen	19" Touch Screen	19" Touch Screen	19" Touch Screen	19" Touch Screen	19" Touch Screen	19" Touch Screen