



HIW-40



HIW-45/HIW-60



HIW-60DC/HIW-80



HIW-100/HIW-125/HIW-140

### STANDARD ACCESSORIES

HIW-40	HIW-45 / HIW-60	HIW-60DC / HIW-80	HIW-100 / HIW-125 / HIW-140
<b>Punch Station</b>			
<ul style="list-style-type: none"> <li>• Universal die bolster</li> <li>• Punch &amp; die 5/8"</li> <li>• Pressure plate</li> <li>• Punch adaptor</li> <li>• Retaining ring</li> </ul>	<ul style="list-style-type: none"> <li>• Universal die bolster</li> <li>• Punch &amp; die 7/8"</li> <li>• Pressure plate</li> <li>• Punch adaptor</li> <li>• Retaining ring</li> </ul>	<ul style="list-style-type: none"> <li>• Universal die bolster</li> <li>• Punch &amp; die 7/8"</li> <li>• Pressure plate</li> <li>• Punch adaptor</li> <li>• Retaining ring</li> </ul>	<ul style="list-style-type: none"> <li>• Universal die bolster</li> <li>• Punch &amp; die 15/16"</li> <li>• Pressure plate</li> <li>• Punch adaptor</li> <li>• Retaining ring</li> </ul>
<b>Angle Cutting Station</b>			
<ul style="list-style-type: none"> <li>• 1 Arm blade</li> <li>• 2 Body blade</li> </ul>	<ul style="list-style-type: none"> <li>• 2 Arm blade</li> <li>• 2 Body blade</li> </ul>	<ul style="list-style-type: none"> <li>• 1 Arm blade</li> <li>• 2 Body blade</li> </ul>	<ul style="list-style-type: none"> <li>• 1 Arm blade</li> <li>• 2 Body blade</li> </ul>
<b>Section Cutting Station</b>			
<ul style="list-style-type: none"> <li>• 1 Arm blade</li> <li>• 1 Body blade</li> </ul>	<ul style="list-style-type: none"> <li>• 1 Arm blade</li> <li>• 1 Body blade</li> </ul>	<ul style="list-style-type: none"> <li>• 1 Arm blade</li> <li>• 1 Body blade</li> </ul>	<ul style="list-style-type: none"> <li>• 1 Arm blade</li> <li>• 1 Body blade</li> </ul>
<b>Shearing Station</b>			
<ul style="list-style-type: none"> <li>• 1 Arm blade</li> <li>• 1 Body blade</li> </ul>	<ul style="list-style-type: none"> <li>• 1 Arm blade</li> <li>• 1 Body blade</li> </ul>	<ul style="list-style-type: none"> <li>• 1 Arm blade</li> <li>• 1 Body blade</li> </ul>	<ul style="list-style-type: none"> <li>• 1 Arm blade</li> <li>• 1 Body blade</li> </ul>
<b>Notching Station</b>			
	<ul style="list-style-type: none"> <li>• 1 Notch punch</li> <li>• 3 Notch dies</li> <li>• Notch bolster</li> </ul>	<ul style="list-style-type: none"> <li>• 1 Notch punch</li> <li>• 3 Notch dies</li> <li>• Notch bolster</li> </ul>	<ul style="list-style-type: none"> <li>• 1 Notch punch</li> <li>• 3 Notch dies</li> <li>• Notch bolster</li> </ul>

### SPECIFICATIONS

	HIW-40	HIW-45	HIW-60	HIW-60DC	HIW-80	HIW-100	HIW-125	HIW-140
<b>Punching</b>								
Rated capacity	40 T	45 T	60 T	60 T	80 T	100 T	125 T	140 T
Maximum capacity	3/4 x 5/8	7/8 x 5/8	1 1/8 x 5/8	1 3/16 x 5/8	1 1/8 x 3/4	1 1/16 x 1	1 3/8 x 1	1 1/2 x 1
Diameter x thickness	1 1/2 x 5/16	1 1/2 x 5/16	1 1/2 x 7/16	2 1/4 x 5/16	2 1/4 x 3/8	2 1/4 x 1/2	2 1/4 x 5/8	2 1/4 x 11/16
Stroke length	1 1/4	2	2 1/4	2 3/8	2 1/4	3 1/4	3 1/4	3 1/4
Speed - 3/4 in travel	20 cycles/min	20 cycles/min	20 cycles/min	20 cycles/min	20 cycles/min	20 cycles/min	20 cycles/min	20 cycles/min
Throat size (standard)	6 7/8	6 7/8	8 5/8	12	12	14	14	14
Deep throat model (optional)	-	8 1/4	10	24	24	24	24	24
Largest hole (optional)	2 1/4	4 5/16	4 5/16	6 3/16	6 3/16	6 3/16	8 5/8	8 5/8
Max. section flange punch	-	4	4	12	12	12	12	12
Working height	43	37	37	40 1/2	43	41	41 1/2	41 1/2
<b>Shearing</b>								
Flat bar - max. thickness	8 x 1/2	8 x 5/8	8 x 3/4	9 x 3/4	12 x 3/4	15 x 3/4	15 x 1	16 X 1
Flat bar - max. width	13 3/4 x 1/4	12 x 1/2	12 x 5/8	14 3/4 x 3/8	17 3/4 x 5/8	18 7/8 x 5/8	23 5/8 x 5/8	23 5/8 x 3/4
Angle iron trim	3 1/4 x 3/8	3 1/4 x 3/8	3 1/4 x 3/8	4 x 5/8	4 x 5/8	4 3/4 x 5/8	4 3/4 x 5/8	4 3/4 x 5/8
Working height	43	37	37	35	35	35	35 3/8	35 3/8
<b>Angle Cutting</b>								
90° Cut	3 1/4 x 5/16	4 x 3/8	5 x 1/2	5 x 1/2	6 x 1/2	6 x 5/8	6 x 3/4	6 x 3/4
45° Mitre cut	2 x 1/4	2 3/4 x 1/4	3 3/16 x 5/16	2 3/4 x 3/8	2 3/4 x 3/8	3 x 3/8	3 x 3/8	3 x 3/8
Working height	47 5/8	44 7/8	44 7/8	44 1/2	45 1/2	45 1/2	45 5/8	45 5/8
<b>Section Cutting</b>								
Round / Square bar	13/16 - 1	13/16 - 13/16	1 3/4 - 1 3/8	1 3/4	1 3/4	2	2 1/8	2 1/8
Channel / Beam (optional)	3 x 1 1/2	3 1/4 x 1 3/4	4 x 2	5 x 2 1/2	5 x 2 1/2	6 3/8 x 3 1/2	8 x 4	8 x 4
Tee (optional)	1 1/2 x 6	1 1/2 x 6	3 x 3/8	3 1/2 x 1/2	3 1/2 x 1/2	4 x 1/2	5 x 1/2	5 x 1/2
Working height	44 7/8	44 5/8	44 7/8	46 1/4	46 1/4	46	46	46
<b>Notching</b>								
Material thickness	-	5/16	3/8	3/8	1/2	1/2	1/2	1/2
Width	-	1 3/8	1 3/4	1 3/4	1 5/8	2"	2 3/8	2 3/8
Depth vee (optional) / Rectangular	-	2 3/8 - 3	2 3/8 - 4	2 3/8 - 3 1/2	2 3/8 - 3 1/2	4 x 1/2 - 4	3 1/8 - 4	3 1/8 - 4
Angle flange	-	3 1/4 x 5/16	4 x 3/8	4 x 3/8	4 x 3/8	4 x 1/2	4 x 1/2	4 x 1/2
Working height	-	37	37	35	35	35	35 5/8	35 5/8
<b>Technical</b>								
Motor	5 HP	5 HP	5.5 HP	7.5 HP	10 HP	15 HP	15 HP	15 HP
Net weight / Gross weight	1260/1410 Lbs	2425/2645 Lbs	2865/3200 Lbs	3640/3970 Lbs	4410/4850 Lbs	6835/7275 Lbs	7495/7635 Lbs	7870/8310 Lbs
Machine dimension	41 3/4 x 21 7/8 x 58 1/4	57 x 23 1/4 x 63 3/4	60 x 23 1/4 x 67	64 1/2 x 28 x 69 5/8	69 1/4 x 28 x 72	74 7/8 x 31 x 75 1/4	79 x 31 1/2 x 80	80 3/4 x 31 1/4 x 80
Packing dimension	48 x 26 x 63	61 x 31 x 72	68 x 31 x 74	75 x 36 x 79	78 x 36 x 83	85 x 40 x 84	88 x 40 x 88	93 x 40 x 88

### OPTIONAL EQUIPMENT

	HIW-40	HIW-45	HIW-60	HIW-60DC	HIW-80	HIW-100	HIW-125	HIW-140
<b>Corner Notch</b>								
Max. capacity	-	6 x 1/8	6 x 1/8	10 x 1/4	10 x 1/4	10 x 1/4	10 x 1/4	10 x 1/4
<b>Tube Notch</b>								
Max. Outside diameter	1 1/2	2 3/8	2 3/8	3 1/4	3 1/4	4 1/4	4 1/4	4 1/4
<b>Bending</b>								
Bar bend max. capacity	3 1/4 x 3/8	4 x 1/2	6 x 1/2	10 x 1/2	10 x 5/8	10 x 3/4	10 x 7/8	10 x 7/8
Sheet bend max. capacity	-	-	-	20 x 1/8	20 x 1/8	20 x 1/8	27 x 1/8	27 x 1/8
<b>Punching at notch station</b>								
Throat depth	-	3 3/8	4 3/8	5	5	5	5	5
Max. capacity	-	5/8 x 1/2	3/4 x 1/2	1 1/2 x 1/4	1 1/2 x 5/16	1 1/2 x 3/8	1 1/2 x 1/2	1 1/2 x 1/2

Specification are subject to changes without prior notice from the manufacturer and are based on material strength of 62 KPSI