

### HPT Ironworker Machine – Technical Specifications

| Particular                               | HIW - 55          | HIW - 65          | HIW - 85          | HIW - 110         | HIW - 110 EX      | HIW - 135         | HIW - 165          | HIW - 220          |
|------------------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|--------------------|--------------------|
| <b>Punching</b>                          |                   |                   |                   |                   |                   |                   |                    |                    |
| Punching Pressure                        | 55 Ton            | 65 Ton            | 85 Ton            | 110 Ton           | 110 Ton           | 135 Ton           | 165 Ton            | 220 Ton            |
| Punch Capacity<br>(Diameter x thickness) | 22 x 16           | 22 x 20           | 30 x 20           | 30 x 25           | 30 x 25           | 33 x 28           | 36 x 32            | 40 x 38            |
|                                          | 45 x 8            | 50 x 9            | 50 x 12           | 50 x 15           | 50 x 15           | 50 x 18           | 50 x 23            | 50 x 30            |
| Throat Depth in S/SD Model               | 310 / -           | 310 / 510         | 310 / 510         | 310 / 510         | 310 / 510         | 570 / -           | 570 / -            | 570 / -            |
| Maximum Stock Length                     | 100               | 100               | 100               | 100               | 100               | 100               | 100                | 100                |
| Cycle/ Min. (20mm Stroak)                | 22                | 20                | 21                | 21                | 21                | 20                | 25                 | 25                 |
| Working Height up to die                 | 910               | 910               | 950               | 950               | 950               | 1020              | 1050               | 1050               |
| <b>Flat Shearing</b>                     |                   |                   |                   |                   |                   |                   |                    |                    |
| Flat Bar Shear<br>(Width x Thickness)    | 300 x 12          | 350 x 15          | 460 x 15          | 610 x 16          | 610 x 16          | 610 x 18          | 760 x 20           | 760 x 25           |
|                                          | 240 x 16          | 240 x 20          | 300 x 20          | 400 x 20          | 400 x 20          | 400 x 25          | 400 x 30           | 425 x 30           |
| Blade Length                             | 310               | 360               | 465               | 620               | 620               | 620               | 770                | 720                |
| Angle flange Trim                        | 65                | 75                | 100               | 100               | 100               | 100               | 120                | 120                |
| Working Height                           | 820               | 920               | 920               | 950               | 950               | 950               | 950                | 950                |
| <b>Angle Shearing</b>                    |                   |                   |                   |                   |                   |                   |                    |                    |
| Angle 90 Shearing                        | 100 x 100 x 10    | 130 x 130 x 13    | 152 x 152 x 13    | 152 x 152 x 15    | 152 x 152 x 15    | 152 x 152 x 18    | 200 x 200 x 20     | 200 x 200 x 20     |
| Angle 45 Miter Shearing                  | 50 x 50 x 6       | 65 x 65 x 8       | 80 x 80 x 10      | 80 x 80 x 10      | 80 x 80 x 10      | 80 x 80 x 10      | 80 x 80 x 10       | 100 x 100 x 10     |
| Working Height                           | 1080              | 1150              | 1150              | 1150              | 1150              | 1160              | 1160               | 1160               |
| <b>Section &amp; Bar Shearing</b>        |                   |                   |                   |                   |                   |                   |                    |                    |
| Round Bar Shearing                       | 32                | 40                | 50                | 50                | 50                | 50                | 60                 | 70                 |
| Square Bar Shearing                      | 32 x 32           | 38 x 38           | 50 x 50           | 50 x 50           | 50 x 50           | 50 x 50           | 60 x 60            | 60 x 60            |
| Channel Shearing                         | 125               | 152*              | 180*              | 180*              | 200*              | 200*              | 250*               | 300*               |
| I Beam Shearing                          | 125               | 152*              | 180*              | 180*              | 180*              | 180*              | 200*               | 300*               |
| Working Height                           | 1150              | 1300              | 1300              | 1315              | 1315              | 1315              | 1375               | 1375               |
| <b>Notching</b>                          |                   |                   |                   |                   |                   |                   |                    |                    |
| Rectangular (W x D x T)                  | 50.8 x 90 x 6     | 50.8 x 90 x 9     | 50.8 x 90 x 12    | 63.5 x 90 x 12    | 63.5 x 90 x 12    | 63.5 x 90 x 13    | 63.5 x 90 x 16     | 63.5 x 90 x 18     |
| Vee-Notcher (Side x Side x T)            | 80 x 80 x 6       | 90 x 90 x 8*      | 90 x 90 x 10*     | 105 x 105 x 12*   | 105 x 105 x 12*   | 105 x 105 x 13*   | 105 x 105 x 16*    | 105 x 105 x 16*    |
| Working Height                           | 850               | 850               | 860               | 860               | 860               | 860               | 920                | 920                |
| <b>Optional Tooling</b>                  |                   |                   |                   |                   |                   |                   |                    |                    |
| Single V Press Break (W x T)             | 250 x 10          | 250 x 15          | 250 x 15          | 250 x 20          | 250 x 20          | 250 x 20          | 250 x 20           | 250 x 20           |
| Multi V Press Break (W x T)              | 400 x 5           | 500 x 5           | 500 x 5           | 700 x 5           | 700 x 5           | 700 x 5           | 700 x 6            | 700 x 6            |
| Large V-Notcher (Side x Side x T)        | -                 | 145 x 145 x 8     | 145 x 145 x 10    | 145 x 145 x 12    | 145 x 145 x 12    | 145 x 145 x 13    | 145 x 145 x 13     | 145 x 145 x 15*    |
| Angle Bending                            | 76 x 6            | 102 x 6           | 102 x 8           | 102 x 13          | 102 x 13          | 102 x 13          | 102 x 13           | 102 x 13           |
| Pipe Notcher (Dia.)                      | 114               | 114               | 114               | 114               | 114               | 114               | 114                | 114                |
| <b>Other</b>                             |                   |                   |                   |                   |                   |                   |                    |                    |
| Electric Power (HP)                      | 7.5 HP            | 7.5 HP            | 10 HP             | 10 HP             | 10 HP             | 15 HP             | 20 HP              | 25 HP              |
| Net Weight (Apr.) S / SD                 | 2300 / 2300 KG    | 2600 / 3100 KG    | 2950 / 3250 KG    | 3600 / 3900 KG    | 3950 / 4200 KG    | 5200 KG           | 6500 KG            | 7800 KG            |
| Machine Dimension (L x W x H)            | 1750 x 750 x 1800 | 1970 x 800 x 2000 | 2100 x 820 x 2060 | 2340 x 860 x 2110 | 2400 x 920 x 2150 | 2420 x 980 x 2150 | 2550 x 1050 x 2150 | 2700 x 1200 x 2250 |