

Iron Worker Series Technical Specification

| Punching Pressure | Punching Capacity (DiameterxThickness) | | Throat Depth | | Stroke Length | | Cycles /Min. (0,59 inch. Stroke) | | Cycles /Min. (0,79 inch. Stroke) | | Table Size (WxD) | | Largest Hole | | Single Vee Press Brake (W xT) | | Multi-Vee Press Brake (W xT) | | Pipe Notching | | 1) A min-max for NPU | | Maximum S-Maximum øD(Accor DIN 997) | | 2) A min-max for NPU | | Flat Bar (max. thickness) | | Flat Bar (max. width) | | Blade Length | | Angle Frame Trim | | | | |
|-------------------|--|------------------------|--------------|------|---------------|-------|----------------------------------|-----------|----------------------------------|------------|------------------|------------|--------------|------------|-------------------------------|------------|------------------------------|----------------|---------------|------|----------------------|------|-------------------------------------|------|----------------------|------|---------------------------|------|-----------------------|------|--------------|------|------------------|---|---|---|--|
| | ton | inch | inch | inch | quat. | quat. | inch | inch | inch | inch | inch | inch | inch | inch | inch | inch | inch | inch | inch | inch | inch | inch | inch | inch | inch | inch | inch | inch | inch | inch | inch | inch | inch | | | | |
| IW 45 | 45 | 1,06x50 0,71x0,71 | 6,30 | 0,83 | 20 | - | 17,72x6,30 | 3,93x0,12 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| IW 55/110 | 55 | 1,57x0,39 0,78x0,78 | 9,84 | 2,36 | - | 37 | 21,65x9,84 | 6,30x0,08 | 9,85x0,39 | 19,68x0,19 | 1/2" -2" | 4,72-10,23 | 0,39x1 | 3,93x9,45 | 7,87x0,78 | 11,81x0,59 | 12 | 2,36x2,36x0,31 | | | | | | | | | | | | | | | | | | | |
| IW 55/110 BTD | 55 | 1,57x0,39 0,78x0,78 | 20 | 2,36 | - | 37 | 21,65x20 | 6,30x0,08 | 9,85x0,39 | 19,68x0,19 | 1/2" -2" | 4,72-10,23 | 0,39x1 | 3,93x9,45 | 7,87x0,78 | 11,81x0,59 | 12 | 2,36x2,36x0,31 | | | | | | | | | | | | | | | | | | | |
| IW 80/150 | 80 | 1,57x0,55 0,94x0,94 | 11,81 | 2,75 | - | 38 | 21,65x11,81 | 6,30x0,12 | 11,81x0,39 | 23,62x0,23 | 1/2" -2" | 4,72-15,74 | 0,55x1,10 | 3,93x12,54 | 11,81x0,78 | 17,72x0,59 | 18,70 | 3,15x3,15x0,39 | | | | | | | | | | | | | | | | | | | |
| IW 80/150 BTD | 80 | 1,57x0,55 0,94x0,94 | 20 | 2,75 | - | 38 | 21,65x20 | 6,30x0,12 | 11,81x0,39 | 23,62x0,23 | 1/2" -2" | 4,72-15,74 | 0,55x1,10 | 3,93x12,54 | 11,81x0,78 | 17,72x0,59 | 18,70 | 3,15x3,15x0,39 | | | | | | | | | | | | | | | | | | | |
| IW 110/180 BTD | 110 | 1,57x0,78 1,10x1,10 | 24 | 3,15 | - | 28 | 21,65x24 | 6,30x0,19 | 11,81x0,39 | 23,62x0,31 | 1/2" -2" | 5,51-15,74 | 0,55x1,10 | 3,93x12,54 | 15,74x0,78 | 23,62x0,59 | 23,81 | 3,03x3,93x0,47 | | | | | | | | | | | | | | | | | | | |
| IW 165/300 BTD | 165 | 1,57x1,18 1,33x1,33 | 24 | 3,54 | - | 31 | 29,53x20 | 6,30x0,27 | 16,33x0,47 | 32,87x0,31 | 1/2" -2" | 4,72-15,74 | 0,55x0,10 | 3,93x12,54 | 15,74x1,18 | 29,53x0,78 | 30,11 | 4,72x4,72x0,47 | | | | | | | | | | | | | | | | | | | |

| Angle Shearing | | Bar Shearing | | Notching | | | | General Information | | | | | | | | | | | |
|-----------------|--|-----------------------|-----------------|------------------|-----------------|-----------------|-----------------|---------------------|-----------------------------|-----------------------------|---------------------------|--|-------------------------------|---------------------------|-------------|--------------|--------------------|---------------------------|----------------|
| At 90° Shearing | At 90° Shearing width slight deformation | At 45° Miter Shearing | Round Bar Shear | Square Bar Shear | U Profile Shear | T Profile Shear | I Profile Shear | Material Thickness | Rectangular Notcher (Width) | Rectangular Notcher (Depth) | Vee-Notcher (SidexSidexT) | Triangular Notching Material Thickness | Triangular Notching Width V90 | Triangular Notching Depth | Motor Power | Oil Capacity | Weight | Machine Dimension (LxWxH) | Working Height |
| 4,72x4,72x0,31 | 3,93x3,93x0,39 | - | 1,18 | 1,18 | - | - | - | 0,28 1,57 | 0,97 | 1,57x1,57x0,28 | 0,16 | 2,95 | 2,95 | 4 | 8,72 | 1914 | 57,48x55,12x63,78 | 39,76 | |
| 4,72x4,72x0,39 | - | 2,75x2,75x0,28 | 0,78x1,57 | 0,78x1,57 | 4,72 | 0,97 | 4,72 | 0,39 1,65 | 3,54 | 1,65x1,65x0,39 | 0,24 | 3,74 | 3,74 | 7,3 | 20 | 2750 | 58,27x70,87x68,11 | 42,52 | |
| 4,72x4,72x0,39 | - | 2,75x2,75x0,28 | 0,78x1,57 | 0,78x1,57 | 4,72 | 0,97 | 4,72 | 0,39 1,65 | 3,54 | 1,65x1,65x0,39 | 0,24 | 3,74 | 3,74 | 7,3 | 20 | 3652 | 77,95x70,87x68,11 | 42,83 | |
| 5,11x5,11x0,5 | - | 2,75x2,75x0,28 | 1,77 | 1,77 | 5,51 | 2,36 | 5,51 | 0,47 2,05 | 3,54 | 2,05x2,05x0,47 | 0,24 | 4,92 | 4,92 | 14,5 | 20 | 4950 | 79,72x70,07x106,3 | 47,05 | |
| 5,11x5,11x0,5 | - | 2,75x2,75x0,28 | 1,77 | 1,77 | 5,51 | 2,36 | 5,51 | 0,47 2,05 | 3,54 | 2,05x2,05x0,47 | 0,24 | 4,92 | 4,92 | 14,5 | 20 | 5500 | 2120x2025x1780 | 47,05 | |
| 5,98x5,98x0,5 | - | 2,75x2,75x0,28 | 1,97 | 1,97 | 6,3 | 2,36 | 6,3 | 0,5 2,05 | 3,54 | 2,05x2,05x0,5 | 0,24 | 4,92 | 4,92 | 20 | 20 | 7820 | 83,46x79,72x70,07 | 49,61 | |
| 8,07x8,07x0,71 | - | 2,75x2,75x0,28 | 2,36 | 2,36 | 7,87 | 3,15 | 7,87 | 0,63 2,28 | 4,33 | 2,28x2,28x0,62 | 0,39 | 4,92 | 4,92 | 29 | 39,62 | 17600 | 127,16x43,30x89,76 | 43,70 | |