



**Industrial Construction Services, Inc.**  
 215 Fifteenth Street South  
 St. James, Minnesota 56081-2438  
 V. 507.375.4633  
 F. 507.375.7513

[www.icsmn.com](http://www.icsmn.com)

## Fabrication Equipment Capacities for Stainless Steel & Mild Steel

### Ironworker Edwards Jaws IV

#### PUNCHING

|                                  | <b>US</b>                     | <b>METRIC</b>                 |
|----------------------------------|-------------------------------|-------------------------------|
| Rated capacity                   | 100 Ton                       | 100 Ton                       |
| Throat                           | 10"                           | 255 mm                        |
| Standard assy. maximum cap.      | 1-1/16" diameter - 1" plate   | 27 mm diameter in 25 mm plate |
| Opt. oversize assembly max. cap. | 1-9/16" diameter in 3/4 plate | 39 mm diameter in 19 mm plate |

#### FLAT BAR SHEARING

|                      |            |                |
|----------------------|------------|----------------|
| Max. width           | 3/4" x 14" | 19 mm x 356 mm |
| Max. thickness       | 1" x 10"   | 25 mm x 255 mm |
| Max. round capacity  | 1-1/4"     | 32 mm          |
| Max. square capacity | 1-1/4"     | 32 mm          |

#### ANGLE SHEARING

|              |                |                         |
|--------------|----------------|-------------------------|
| Maximum Size | 6" x 6" x 1/2" | 152 mm x 152 mm x 13 mm |
|--------------|----------------|-------------------------|

#### COPING / NOTCHING

|               |                    |                        |
|---------------|--------------------|------------------------|
| Max. capacity | 2-1/2" x 6" x 1/2" | 63 mm x 152 mm x 13 mm |
|---------------|--------------------|------------------------|

### Press Brake Pacific Hydraulic 100-10

|                                  |  |
|----------------------------------|--|
| Maximum: 100 Ton – 10' Bed       |  |
| Capacity: 10' x 3/16" Mild Steel | Capacity: 10' x 10 gauge Stainless Steel |

### Squaring Shears Niagara

|                                 |                                      |
|---------------------------------|--------------------------------------|
| Capacity: 10' x 1/2" Mild Steel | Capacity: 10' x 3/8" Stainless Steel |
|---------------------------------|--------------------------------------|

### Shears Niagara 6120

|                                     |  |
|-------------------------------------|--|
| Capacity: 10' x 10 gauge Mild Steel | Capacity: 10' x 12 gauge Stainless Steel |
|-------------------------------------|--|

### Bandsaw Ramco RS100P

|                                  |
|----------------------------------|
| Capacity: 13" Wide x 8-1/2" High |
|----------------------------------|

### Drill Press Craftsman 12 Speed 1/2 HP

|               |
|---------------|
| Capacity: 15" |
|---------------|

### Welders

|                     |                                |
|---------------------|--------------------------------|
| 2 – Heliarc Welders | 3 – Wire Feed Welders          |
| 2 – Arc Welders     | 1 – AC/DC Arc Welder/Generator |

### Hypotherm 900 Plasma Cutter

|                       |
|-----------------------|
| Capacity: 7/8" (22mm) |
|-----------------------|

### Paint Booth

|                            |  |
|----------------------------|--|
| Size: 12' x 30' x 18' High | Conventional Air-Powered Paint Sprayers            |
| Sandblasting               | Graco Ultra Max II 1095 Electronic Airless Sprayer |