



DOWDING
INDUSTRIES

Making an impact. Leaving a legacy.

DOWDING ENTERPRISE
EQUIPMENT LIST

2019

STAMPING EQUIPMENT

MAKE	TONNAGE	BED SIZE	SPM	STROKE
Clearing (BT024)	1000	60" x 108"	30	25"
Clearing (BT030)	1000	72" x 108	20	20"
Minster (BT547)	800	42" x 60"	10	8"
Minster (BT025)	600	48" x 84"	0/80	6"
Bliss (BT001)	500	36" x 54"	25/50	6"
Cleveland (BT007)	500	41" x 60"	37	6"
Niagara (BT016)	400	48" x 120"	18/37	10"
Niagara (BT026)	300	48" x 60"	30/100	10"
Minster (BT018)	150	54" x 30"	90	6"
Minster (BT022)	75	24" x 36"	100	4"

PARTS FINISHING

3 – Tumblers
• Up to 100ft[^]

3 – 3 Wash Lines

2 – Shot blasting Machines
• Up to 72" table

2 – Straighteners



LASER EQUIPMENT

6 – Amada (4K) Laser

- Cuts up to 1" thick
- Bed size up to 144"x72"



BRAKE PRESS EQUIPMENT

4 – Amada Brake Presses

- Up to 143 Ton
- To 10" bed size
- Up to 14.8" ram opening

3 – Cincinnati Presses

- Up to 350 tons
- Up to 14' bed size
- Up to 14" ram opening

ROLL FORM EQUIPMENT

1 – Imcar 8' Wide CNC Roll Former with Siemens Control Board

WELDING EQUIPMENT

- 5 – Robotic Welders
- 9 – MIG Welding Booths
 - Crane up to _____ Ton
- 3 – TiG Weld Booths
- 1 – Aluminum Booth

WELDING PROCESSES

GMAW: Mild Steel, Stainless Steel, Aluminum capabilities. Short Circuit (not recommended), Globular, Pulse and Spray Transfer.

FCAW: Mild Steel. Short Circuit (not recommended), Globular, Pulse, and Spray Transfer.

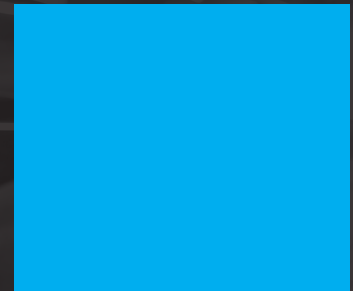
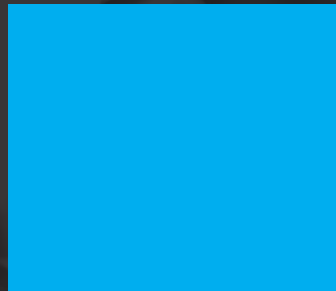
GTAW: Mild Steel, Stainless Steel, Aluminum capabilities.

All Weld Operators are trained and certified in all welding processes they perform including 1G, 2G, 3G, 3F, 2F, and 1F positions. Any other welding positions are qualified and certified per customer requirements.

All welding equipment is annually calibrated and certified to assure proper operation in accordance with the manufacturer's parameters. In addition, Dowding has a preventative maintenance program to include weekly and monthly maintenance. Any major repairs are performed by a certified repair facility.

VERTICAL MACHINING CENTERS

1 – Fadal VMC 5050	X- 50"	Y- 20"	Z-20" **
3 – Fadal VMC 4523	X -45"	Y- 25"	Z-24" **
1 – Fadal VMC 15XT	X- 30"	Y-16"	Z-20"
1 – Amera-Seiki A-5 Table Load Capacity – 5,000 lbs	X- 63"	Y-31.5"	Z-27.5" ***
2 – Amera-Seiki A-4 Table Load Capacity – 2,400 lbs	X- 51	Y-28"	Z-28" ***
1 – Amera-Seiki FD-1822 Bridge Mill Table Load Capacity – 24,000 lbs	X-86"	Y-72"	Z-31"
1 – Amera-Seiki VB-1822 Bridge Mill Table Load Capacity – 24, 000 lbs	X-86"	Y-72"	Z-31"
1 – Amera-Seiki VB 2 Bridge Mill			
1 – Brother Pallet Change CNC **			



HORIZONTAL MACHINING CENTER

Horizontal CNC Machining Centers

- 2 – Mazak (size bed) _____

Vertical CNC Machining Centers

- **Small Capacity**
 - 1 – Brother Pallet Changing _____
- **Medium Capacity**
 - 1 – Mazak Pallet Changing _____
 - 6 – Fadal _____
 - 4 – Quasar _____
- **Large Capacity**
 - 1 – RT 130 _____
 - 2 – Amerisieki _____

Turning Centers

- 2 – Amerisieki _____
- 1 – Ameriseiki _____
- 1 – Doosan _____

PRECISION PROCESSES

3 – Giustina R242 Double Disc Grinders 30" ***

1 – Mattison Tub Grinder 42" **

SOFTWARE

ProE

AutoCAD

Gibbs

MasterCam

Solid Works

UniGraphics

PCDmis CMM Programming

MeasureMax

Lemoine

CAM Q2 Software for FARO

Laser

Sigmanest Laser Programming

Microsoft Vision