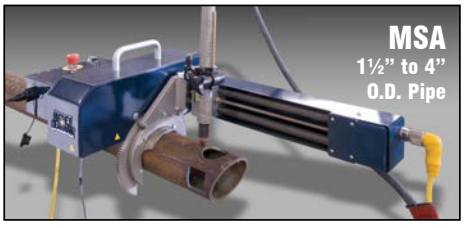
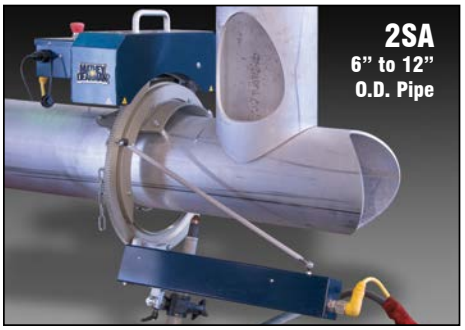
CNC Saddle Machines

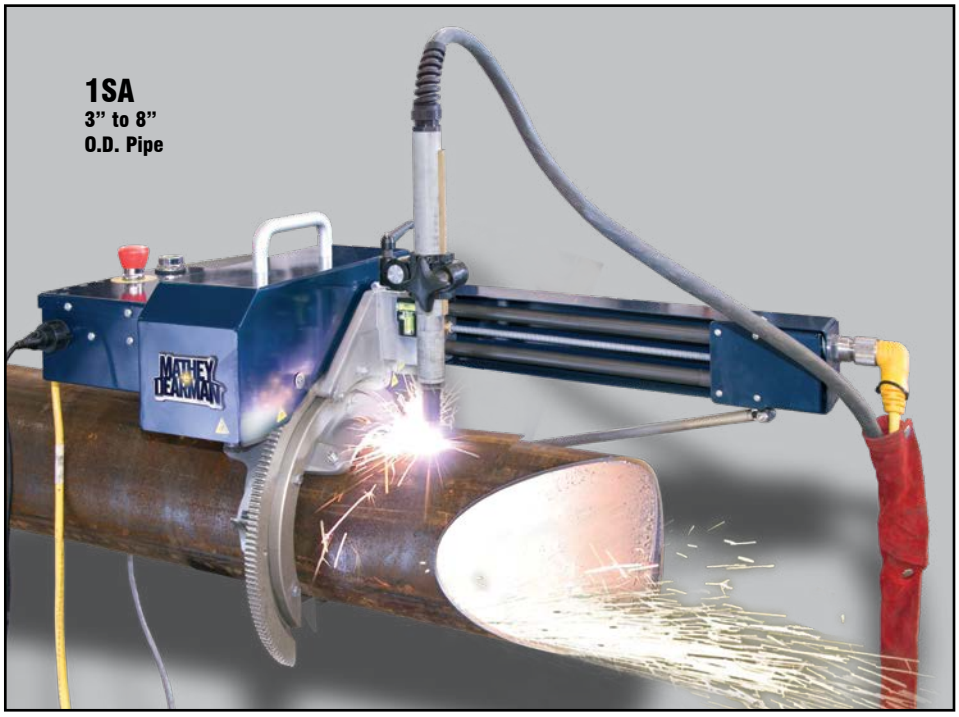
- Icon-driven laptop control screens let users follow an intuitive cut selection process; *no programming required*
- Literally millions of cuts available including the ability to utilize custom shapes (Contact Mathey CNC support for details and pricing)
- Portable design means no permanent installation or dedicated shop space necessary
- Works with standard machine torches, including plasma
- Based on our proven and reliable Saddle Machines with industrial-grade electronics and cabling

CNC SADDLE MACHINES INCLUDE

- 115/230 VAC CNC Saddle Machine Base Unit
- Lead Screw Assembly
- Torch Holder Assembly
- Boomer Assembly
- Industrial Grade Automation Connector Cable
- Spacer Bolt Set
- Parts and Operating Manual
- Computer to Machine Industrial USB Cable
- 15' Power Supply Cable
- Mathey CNC Software (USB Memory Stick) for Windows®
- HDPE Shipping and Storage Case w/ Custom Foam Insert







MOTORIZED 115VAC/230 VAC (W/SPACER BOLTS) FOR OXY-FUEL OR PLASMA

Machine Model	Cutting Range (Pipe O.D.)		Includes Spacers to fit pipe sizes (in)	Part No.	Shipping Weight		Shipping Dimensions	
	in	mm			lbs	kg	in	mm
MSA	1.5 - 4	38 - 102	2,3,4	03.0117.MSA	85.0	38.3	31x27x21	787x686x533
1SA	3 - 8	75 - 203	3,4,6,8	03.0117.1SA	90.0	40.5	31x27x21	787x686x533
2SA	6 - 12	152 - 305	6,8,10,12	03.0117.2SA	100.0	45.0	31x27x21	787x686x533
MSA-2SA (SET)	1.5 - 12	38 - 305	2, 3, 4, 6,8,10,12	03.0117.SET	275.0	123.8		

CNC SADDLE MACHINE, PARTS / ACCESSORIES

Part Number	Description	Model
03.0203.082	AC Power Cord	All
03.0117.SOFT	Operating Software (1 license)	All
03.0203.070	Yellow Lead Screw Assembly Cordset	All
03.0203.051	USB Cable	All
03.0203.101	Plasma connectivity cord, Hypertherm	All
03.0203.103	Plasma connectivity cord, Thermal Dynamics	All

Part Number	Description	Model	Shipping Weight		Shipping Dimensions	
			lbs	kg	in	mm
05.0510.117	Torch Holder	All	0.7	0.3	6x6x4	152x152x102
03.0100.022	Drive Chain	MSA	0.4	0.2	6x6x4	152x152x102
03.0101.015	Drive Chain	1SA	0.5	0.2	6x6x4	152x152x102
03.0102.009	Drive Chain	2SA	0.6	0.3	6x6x4	152x152x102
03.0100.024	Boomer Assembly	MSA	0.5	0.2	6x6x4	152x152x102
03.0101.018	Boomer Assembly	1SA	0.9	0.4	6x6x4	152x152x102
03.0102.011	Boomer Assembly	2SA	1.1	0.5	6x6x4	152x152x102
03.0MSA.KIT	Spacer Bolt Kit	MSA	1.0	45.9	8x6x6	203x152x152
03.01SA.KIT	Spacer Bolt Kit	1SA	4.0	51.6	8x6x6	203x152x152
03.02SA.KIT	Spacer Bolt Kit	2SA	5.0	55.9	8x6x6	203x152x152

Saddle Machines

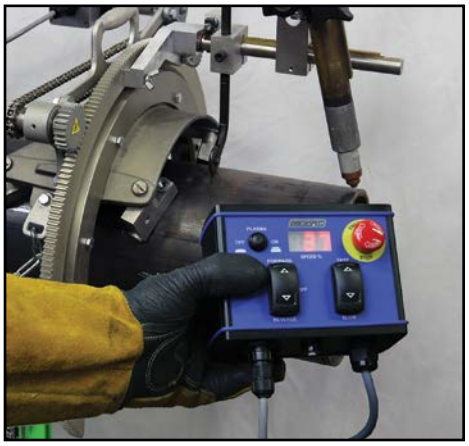
- Every model works on a range of pipe sizes
- Works with all standard torches, including plasma
- Light and compact, perfect for shop or field applications
- Mount and begin cutting in as little as 5 minutes
- Depended on by professionals for over 70 years
- Pipe is ready to weld up to five times quicker than hand cutting and grinding

ALL SADDLE MACHINES INCLUDE

- Base Machine
- Torch Arm
- Torch Carrier Assembly
- Spacers to allow the machine to cut pipe sizes not listed above (within range specified), are available at an additional cost
- Boomer Assembly (fastens the machine to the pipe)
- Cutting Torch Not Included
- Parts and Operating Manual
- 6SA and 8SA include extension plate and spacers

MOTORIZED SADDLE MACHINES ALSO INCLUDE

- 110/230 VAC Motorized Saddle Machine
- Right-angle precision stepper motor
- Motor Control Box



MANUAL (W/SPACER BOLTS) FOR OXY-FUEL

Machine Model	Cutting Range (Pipe O.D.)		Includes Spacers to fit pipe sizes (in)	Part No.	Shipping Weight		Shipping Dimensions	
	in	mm			lbs	kg	in	mm
MSA	1.5 - 4	38 - 102	2,3,4	03.0100.000	12	5.4	12x12x10	305x305x229
1SA	3 - 8	76 - 203	3,4,6,8	03.0101.000	24	10.8	18x18x11.5	457x457x292
2SA	6 - 12	152 - 305	6,8,10,12	03.0102.000	34	15.3	23x23x12.5	584x584x318
3SA	12 - 20	305 - 508	12,14,16,18,20	03.0103.000	73	32.9	34x32x12	864x813x305
4SA	20 - 26	508 - 660	20,22,24,26	03.0104.000	150	67.5	40.5x41x19	1029x1041x483
5SA	24 - 30	610 - 762	24,26,28,30	03.0105.000	185	83.3	40.5x41x19	1029x1041x483
6SA	28 - 36	711 - 914	28,30,36	03.0106.000	295	132.8	57x43x19	1448x1092x483
8SA	36-48	914-1219	36,38,40,42,48	03.0108.000	537	241.7	69x60x21	1753x1524x533

MANUAL (W/STEP SPACERS) FOR OXY-FUEL

Machine Model	Cutting Range (Pipe O.D.)		Includes Spacers to fit pipe sizes (in)	Part No.	Shipping Weight		Shipping Dimensions	
	in	mm			lbs	kg	in	mm
1SA	3 - 8	75 - 203	3,4,6,8	03.01S1.000	24	10.8	18x18x11.5	457x457x292
2SA	6 - 12	152 - 305	6,8,10,12	03.01S2.000	34	15.3	23x23x12.5	584x584x318
3SA	12 - 20	305 - 508	12,14,16,18,20	03.01S3.000	73	32.9	34x32x12	864x813x305

PLASMASPEED SADDLE MACHINE

Machine Model	Cutting Range (Pipe O.D.)		Includes Spacers to fit pipe sizes (in)	Part No.	Shipping Weight		Shipping Dimensions	
	in	mm		115 vdc	lbs	kg	in	mm
MSA	1.5 - 4	38 - 102	2,3,4	03.0100.S01	19	8.6	12x12x15	305x305x361
1SA	3 - 8	75 - 203	3,4,6,8	03.0101.S01	31	14.0	18x18x17	457x457x432
2SA	6 - 12	152 - 305	6,8,10,12	03.0102.S01	42	18.9	23x23x19	584x584x476
3SA	12 - 20	305 - 508	12,14,16,18,20	03.0103.S01	85	38.3	34x32x18	864x813x457
4SA	20 - 26	508 - 660	20,22,24,26	03.0104.S01	160	72.0	40.5x41x19	1029x1041x483
5SA	24 - 30	610 - 762	24,26,28,30	03.0105.S01	210	94.5	40.5x41x19	1029x1041x483
6SA	28 - 36	711 - 914	28,30,36	03.0106.S01	300	135.0	57x43x19	1448x1092x483
8SA	36-48	914-1219	36,38,40,42,48	03.0108.S01	537	241.7	69x60x21	1753x1524x533

SADDLE MACHINE PLASMASPEED RETROFIT KITS

Machine Model	Cutting Range (Pipe O.D.)		Part No.	Shipping Weight		Shipping Dimensions	
	in	mm	115 vdc	lbs	kg	in	mm
MSA	1.5 - 4	38 - 102	03.0100.SA1	7.0	3.2	12x10x6	305x254x152
1SA	3 - 8	76 - 203	03.0101.SA1	7.0	3.2	12x10x6	305x254x152
2SA	6 - 12	152 - 305	03.0101.SA1	8.0	3.6	12x10x6	305x254x152
3SA	12 - 20	305 - 508	03.0103.SA1	9.0	4.1	20x6x6	508x152x152
4SA	20 - 26	508 - 660	03.0103.SA1	9.0	4.1	23x10x9	584x254x229
5SA	24 - 30	610 - 762	03.0105.SA1	11.0	5.0	23x10x9	584x254x229
6SA	28 - 36	711 - 914	03.0105.SA1	11.0	5.0	23x10x9	584x254x229
8SA	40 - 48	1016 - 1219	03.0105.SA1	11.0	5.0	23x10x9	584x254x229

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Saddle Machine Spacers & Step Spacers

SPACERS AND SPACER BOLTS

Machine Model	Part Description (Nominal Pipe Size)	Part No.	Qty Required	Shipping Weight (Each)	
				lbs	kg
MSA	1 1/2 in (38mm) Spacer	03.0109.001	2	0.25	0.11
MSA	2 in (51mm) Spacer	03.0109.002	2	0.20	0.09
MSA	2 1/2 in (64mm) Spacer	03.0109.003	2	0.20	0.09
MSA	3 in (78mm) Spacer	03.0109.004	2	0.20	0.09
MSA	3 1/2 in (89mm) Spacer	03.0109.005	2	0.10	0.05
1SA	3 in (78mm) Spacer Bolt	03.0110.034	4	0.40	0.18
1SA	4 in (102mm) Spacer Bolt	03.0110.003	4	0.30	0.14
1SA	5 in (127mm) Spacer Bolt	03.0110.031	4	0.30	0.14
1SA	5 1/2 in (140mm) Spacer Bolt	03.0110.027	4	0.30	0.14
1SA	6 in (152mm) Spacer Bolt	03.0110.002	4	0.20	0.09
1SA	7 in (178mm) Spacer Bolt	03.0110.025	4	0.15	0.07
1SA	8 in (203mm) Spacer Bolt	03.0110.001	4	0.10	0.05
2SA	6 in (152mm) Spacer Bolt	03.0110.022	4	0.45	0.20
2SA	8 in (203mm) Spacer Bolt	03.0110.003	4	0.30	0.14
2SA	9 in (244mm) Spacer Bolt	03.0110.026	4	0.30	0.14
2SA	10 in (254mm) Spacer Bolt	03.0110.002	4	0.20	0.09
2SA	11 in (279mm) Spacer Bolt	03.0110.029	4	0.20	0.09
2SA	12 in (305mm) Spacer Bolt	03.0110.001	4	0.10	0.05
3SA	Spacer Bolt	03.0110.010	4	0.30	0.14
3SA	1 in (25mm) Spacer	04.0106.018	4	0.15	0.07
3SA	2 in (51mm) Spacer	04.0106.019	4	0.35	0.16
3SA	12 in (305mm) Spacer Bolt	03.0110.035	4	1.20	0.54
4SA	Spacer Bolt	03.0110.011	4	0.30	0.14
4SA	1 in (25mm) Spacer	04.0106.018	8	0.15	0.07
4SA	20 in (508mm) Spacer Bolt	03.0110.008	4	1.80	0.81
5SA	Spacer Bolt	03.0110.011	4	0.30	0.14
5SA	1 in (25mm) Spacer	04.0106.018	8	0.15	0.07
5SA	20 in (508mm) Spacer Bolt	03.0110.008	4	1.80	0.81
6SA	Spacer Bolt	03.0110.004	4	0.30	0.14
6SA	Spacer Bolt	03.0110.008	4	1.80	0.81
6SA	Spacer Bolt	03.0110.009	4	2.25	1.01
6SA	31 in (787mm) Spacer Bolt	03.0110.007	4	1.50	0.68
6SA	32 in (813mm) Spacer Bolt	03.0110.006	4	1.30	0.59
6SA	34 in (864mm) Spacer Bolt	03.0110.005	4	0.80	0.36
8SA	Spacer Bolt	03.0110.004	4	0.30	0.14
8SA	Spacer Bolt	03.0110.008	4	1.80	0.81
8SA	Spacer Bolt	03.0110.009	4	2.25	1.01
8SA	44 in (1118mm) Spacer Bolt	03.0110.006	4	1.30	0.59

1SA STEP SPACER

2SA STEP SPACER

3SA STEP SPACER

SPACER BOLT KITS (SIZING CHART INCLUDED)

Machine Model	Includes Spacers for Pipe Sizes		Part No.	Shipping Weight (KIT)		Shipping Dimensions	
	in	mm		lbs	kg	in	mm
MSA	2,3	51,76	03.0MSA.KIT	1.0	45.9	8x6x6	203x152x152
1SA	3,4,6,8	76,102,152,203	03.01SA.KIT	4.0	51.6	8x6x6	203x152x152
2SA	6,8,10,12	152,203,254,305	03.02SA.KIT	5.0	55.9	8x6x6	203x152x152
3SA	12,14,16,18,20	305,356,406,457,508	03.03SA.KIT	9.0	75.1	8x6x6	203x152x152
4SA	20,22,24,26	508,559,510,660	03.04SA.KIT	10.0	149.9	12x6x6	305x152x152
5SA	24,26,28,30	610,660,711,762	03.05SA.KIT	10.0	153.0	12x6x6	305x152x152
6SA	28,30,36	711,762,914	03.06SA.KIT	20.0	160.5	12x6x6	305x152x152
8SA	36,38,40,42,48	914,952,1016,1067,1219	03.08SA.KIT	20.0	164.2	12x6x6	305x152x152

STEP SPACERS

Machine Model	Part Description (Nominal Pipe Size)	Part No	Quantity Required	Shipping Weight (KIT)		Shipping Dimensions	
				lbs	kg	in	mm
1SA	3,4,6,8 in / 76,102,152,203 mm	03.0110.1SA	4	0.40	0.18	0.40	0.18
2SA	6,8,10,12 in / 152,203,254,305	03.0110.2SA	4	0.40	0.18	0.40	0.18
3SA	12,14,16,18,20 / 305,356,406,457,508	03.0110.3SA	4	0.40	0.18	0.40	0.18

STEP SPACER KITS

Machine Model	Part Description (Nominal Pipe Size)	Part No	Shipping Weight (KIT)		Shipping Dimensions	
			lbs	kg	in	mm
1SA	3,4,6,8 in / 76,102,152,203 mm	03.0110.1SAKIT	3.60	1.62	12x6x6	305x152x152
2SA	6,8,10,12 in / 152,203,254,305	03.0110.2SAKIT	3.60	1.62	12x6x6	305x152x152
3SA	12,14,16,18,20 / 305,356,406,457,508	03.0110.3SAKIT	3.60	1.62	12x6x6	305x152x152

Saddle Machine Contour Cutting Attachments

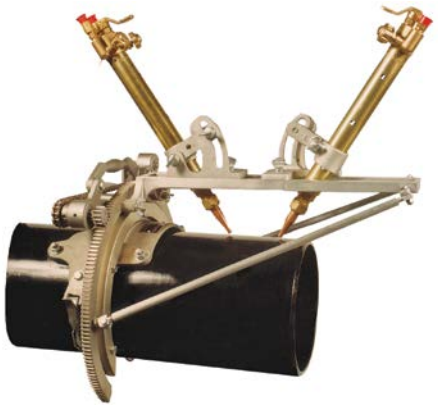
CONTOUR CUTTING ATTACHMENT

Machine Model	Pipe Size		Part No.	Shipping Weight		Shipping Dimensions	
	in	mm		lbs	kg	in	mm
MSA	1.5 - 4	38 - 102	03.0116.MSA	7.0	3.2	23x10x9	584x254x229
1 -2 SA	3 - 12	76 - 305	03.0116.1SA	7.0	3.2	36x12x12	914x305x305
3SA	12 - 20	305 - 508	03.0116.3SA	9.0	4.1	36x12x12	914x305x305
4SA	20 - 26	508 - 660	03.0116.4SA	9.0	4.1	36x12x12	914x305x305
5SA	24 - 30	610 - 762	03.0116.5SA	11.0	5.0		
6SA	28 - 36	711 - 914	03.0116.6SA	13.0	5.9		
8SA	36 - 48	914 - 1219	03.0116.8SA	16.0	7.2		

CONTOUR CUTTING SHAPE TEMPLATES

NOTE: Template Form is required prior to order - Template cannot be returned

Machine Model	Includes Spacers for Pipe Sizes		Part No.	Shipping Weight		Shipping Dimensions	
	in	mm		lbs	kg	in	mm
MSA	1.5 - 4	38 - 102	03.0115.M . .	3.5-5.0	1.6-2.3	12x12x9	305x305x229
1SA	3 - 8	76 - 203	03.0115.1 . .	4.5-6.0	2.0-2.7	18x18x11	457x457x279
2SA	8 - 12	152 - 305	03.0115.2 . .	6.0-8.0	2.7-3.6	23x23x13	584x584x330
3SA	12 - 20	305 - 508	03.0115.3 . .	11.0-15.0	5.0-7.0	36x12x12	914x305x305
4SA	20 - 26	508 - 660	03.0115.4 . .	18.0-27.0	8.0-12.0		
5SA	24 - 30	610 - 762	03.0115.5 . .	22.0-31.0	10.0-14.0		
6SA	28 - 36	711 - 914	03.0115.6 . .	27.0-35.0	12.0-16.0		
8SA	36 - 48	914 - 1219	03.0115.8 . .	31.0-40.0	14.0-18.0		



DOUBLE TORCH ARM

Machine Model	Pipe Size		Part No.	Shipping Weight		Shipping Dimensions	
	in	mm		lbs	kg	in	mm
1SA	3 - 8	76 - 203	03.0101.030	5.0	2.3	20x6x6	508x152x152
2SA	8 - 12	152 - 305	03.0102.015	5.0	2.3	20x6x6	508x152x152
3SA	12 - 20	305 - 508	03.0103.030	5.0	2.3	23x10x9	584x254x229
4SA	20 - 26	508 - 660	03.0104.021	5.0	2.3	23x10x9	584x254x229
5SA	24 - 30	610 - 762	03.0105.025	5.0	2.3	23x10x9	584x254x229
6SA	28 - 36	711 - 914	03.0106.018	5.5	2.5		
8SA	36 - 48	914 - 1219	03.0108.014	5.5	2.5		

REPLACEMENT PARTS FOR MOTORIZED UNITS

Description	Part No.	Shipping Weight		Shipping Dimensions	
		lbs	kg	in	mm
Plasma Speed Motor Control Box	03.0203.008	2.1	0.9	6x6x4	152x152x102
Motor Drive Cable 50' Stepper Motor	03.0203.020	1.2	0.5	6x6x4	152x152x102
Motor Mounting Bracket (MSA)	03.0100.064				
Motor Mounting Bracket (1SA)	03.0103.031				
Motor Mounting Bracket (2SA)	03.0102.013				
Motor Coupling 1SA,2SA, 5SA-8SA	03.0105.032				
Stepper Motor 1SA-4SA	03.0201.058	7.8	3.5	12x6x6	305x152x152
Stepper Motor 5SA-8SA	03.0201.059	6.7	3.0	12x610x8	305x254x203

SADDLE MACHINE STORAGE BOX

Machine Model	Pipe Size		Part No.	Shipping Weight		Shipping Dimensions	
	in	mm		lbs	kg	in	mm
MSA	1.5 - 4	38 - 102	03.0100.BOX	23.0	10.4	18x18x10	457x457x254
1SA	3 - 8	76 - 203	03.0101.BOX	33.0	14.9	23x23x13	584x584x330
2SA	8 - 12	152 - 305	03.0102.BOX	41.0	18.5	34x32x12	635x559x457
3SA	12 - 20	305 - 508	03.0103.BOX	60.0	27.0	34x34x14	864x864x356
4SA	20 - 26	508 - 660	03.0104.BOX	79.0	35.6	40x38x14	1016x965x356
5SA	24 - 30	610 - 762	03.0105.BOX	84.0	37.8	42x40x14	1067x1016x356
6SA	28 - 36	711 - 914	03.0106.BOX	100.0	45.0	56x48x16	1422x1219x406
8SA	36 - 48	914 - 1219	03.0108.BOX	125.0	56.3	70x56x19	1778x1422x483

PRO MODEL TORCH ARM

Description	Part No.	Shipping Weight		Shipping Dimensions	
		lbs	kg	in	mm
PRO Model With Out of Round	03.0209.000	9.5	4.3	16x8x8	406x203x203
PRO Model Basic Assembly	03.0209.001	7.0	3.2	16x8x8	406x203x203
Out of Round Kit	03.0209.003	2.5	1.1	12x6x6	305x152x152
Tracer Point	03.0209.012	1.6	0.7	12x6x6	305x152x152

CAM ADJUSTABLE TORCH HOLDER (FITS ALL SADDLE MACHINES)

Part Number	Description
03.0100.052	Cam Adjustable Torch Holder

MSA SADDLE MACHINE PARTS

Description	Part No.	Qty Reqd	Ship Weight	
			lbs	kg
Torch Arm	03.0101.001	1	1.50	0.68
Torch Carrier Assembly	03.0100.002	1	1.40	0.63
Torch Clamp Base	03.0100.003	1	0.70	0.32
Clamp	03.0100.004	1	0.35	0.16
Torch Clamp	03.0100.005	1	0.60	0.27
Screw Kit-Torch Carrier Assy	03.0100.029	1	0.50	0.23
Boomer Assembly	03.0100.024	1	0.45	0.20
Strap	03.0100.025	1	0.26	0.12
Thumbscrew	03.0100.026	1	0.10	0.05
Eye	03.0100.027	1	0.05	0.02
Handle	03.0100.023	1	0.25	0.11
Threaded Studs	01.0194.003	2	0.05	0.02
Drive Chain	03.0100.022	1	0.35	0.16
Double Bearing Bracket Assy	03.0100.014	1	2.00	0.90
Bracket	03.0100.015	1	0.20	0.09
Crank Handle Assy	03.0100.018	1	0.45	0.20
Axle	03.0100.013	1	0.10	0.05
Crank Pinion	03.0100.017	1	0.10	0.05
Pinion Gear	03.0100.012	1	0.10	0.05
Crank Gear/Sprocket Assy	03.0100.016	1	1.00	0.45
Bronze Bushing	01.0210.004	4	0.01	0.00
Single Bearing Bracket Assy	03.0100.009	1	0.02	0.01
Bracket	03.0100.010	1	0.15	0.07
Axle	03.0100.013	1	0.10	0.05
Pinion Gear	03.0100.012	1	0.10	0.05
Sprocket	03.0100.011	1	0.30	0.14
Bronze Bushing	01.0210.004	2	0.10	0.05

1SA SADDLE MACHINE PARTS

Description	Part No.	Qty Reqd	Ship Weight	
			lbs	kg
Torch Arm	03.0101.001	1	1.50	0.68
Torch Carrier Assembly	03.0100.002	1	1.40	0.63
Torch Clamp Base	03.0100.003	1	0.70	0.32
Clamp	03.0100.004	1	0.35	0.16
Torch Clamp	03.0100.005	1	0.60	0.27
Screw Kit-Torch Carrier Assy	03.0100.029	1	0.50	0.23
Boomer Assembly	03.0101.018	1	0.85	0.38
Spring	01.0184.002	1	0.40	0.18
Boomer	01.0258.001	1	0.40	0.18
Spring Snap	01.0258.003	1	0.05	0.02
Chain	01.0577.002	1	0.25	0.11
Handle	03.0101.016	1	0.30	0.14
Threaded Studs	01.0194.003	2	0.05	0.02
Drive Chain	03.0101.015	1	0.45	0.20
Boomer Eye	03.0101.017	2	0.05	0.02
Double Bearing Bracket Assy	03.0101.010	1	2.85	1.28
Bracket	03.0101.011	1	0.60	0.27
Crank Handle Assy	03.0101.014	1	0.45	0.20
Axle	03.0101.009	1	0.10	0.05
Crank Pinion	03.0101.013	1	0.10	0.05
Pinion Gear	03.0101.007	1	0.10	0.05
Crank Gear/Sprocket Assy	03.0101.012	1	1.00	0.45
Bearings	01.0196.012	4	0.05	0.02
Spacer	04.0106.010	1	0.05	0.02
Spacer	04.0106.056	1	0.05	0.02
Single Bearing Bracket Assy	03.0101.005	1	1.10	0.50
Bracket	03.0101.006	1	0.50	0.23
Axle	03.0101.009	1	0.10	0.05
Pinion Gear	03.0101.007	1	0.10	0.05
Bearing	01.0196.012	2	0.05	0.02
Spacer	04.0106.010	1	0.05	0.02
Sprocket	03.0101.008	1	0.05	0.02

2SA SADDLE MACHINE PARTS

Description	Part No.	Qty Reqd	Ship Weight	
			lbs	kg
Torch Arm	03.0101.001	1	1.50	0.68
Torch Carrier Assembly	03.0100.002	1	1.40	0.63
Torch Clamp Base	03.0100.003	1	0.70	0.32
Clamp	03.0100.004	1	0.35	0.16
Torch Clamp	03.0100.005	1	0.60	0.27
Screw Kit-Torch Carrier Assy	03.0100.029	1	0.50	0.23
Boomer Assembly	03.0102.011	1	1.10	0.50
Spring	01.0184.002	1	0.10	0.05
Boomer	01.0258.001	1	0.40	0.18
Snap Hook	01.0258.003	1	0.05	0.02
Chain	01.0577.003	1	0.45	0.20
Handle	03.0102.010	1	0.70	0.32
Threaded Studs	01.0194.003	2	0.05	0.02
Drive Chain	03.0102.009	1	0.60	0.27
Boomer Eye	03.0101.017	2	0.05	0.02
Double Bearing Bracket Assy	03.0102.007	1	3.40	1.53
Bracket	03.0102.008	1	0.60	0.27
Crank Handle Assy	03.0101.014	1	0.45	0.20
Axle	03.0101.009	1	0.10	0.05
Crank Pinion	03.0101.013	1	0.10	0.05
Pinion Gear	03.0102.006	1	0.45	0.20
Crank Gear/Sprocket Assy	03.0101.012	1	1.00	0.45
Bearings	01.0196.012	4	0.05	0.02
Spacer	04.0106.010	1	0.05	0.02
Spacer	04.0106.056	1	0.05	0.02
Single Bearing Bracket Assy	03.0102.004	1	1.40	0.63
Bracket	03.0102.005	1	0.45	0.20
Axle	03.0101.009	1	0.10	0.05
Pinion Gear	03.0102.006	1	0.45	0.20
Sprocket	03.0101.008	1	0.20	0.09
Bearings	01.0196.012	2	0.05	0.02
Spacer	04.0106.010	1	0.05	0.02

3SA SADDLE MACHINE PARTS

Description	Part No.	Qty Reqd	Ship Weight	
			lbs	kg
Torch Arm	03.0101.001	1	1.50	0.68
Torch Carrier Assembly	03.0100.002	1	1.40	0.63
Torch Clamp Base	03.0100.003	1	0.70	0.32
Clamp	03.0100.004	1	0.35	0.16
Torch Clamp	03.0100.005	1	0.60	0.27
Screw Kit-Torch Carrier Assy	03.0100.029	1	0.50	0.23
Boomer Assembly	03.0103.020	1	1.55	0.70
Spring	01.0184.003	1	0.30	0.14
Boomer	01.0258.001	1	0.40	0.18
Snap Hook	01.0258.003	1	0.05	0.02
Chain	01.0577.004	1	0.80	0.36
Handle Tie Rod	03.0103.019	2	0.55	0.25
Threaded Studs	01.0194.003	2	0.05	0.02
Drive Chain	03.0103.021	2	0.60	0.27
Boomer Eye	03.0101.017	2	0.05	0.02
Double Bearing Bracket Assy	03.0103.011	1	5.00	2.25
Bracket	03.0103.017	1	1.10	0.50
Crank Handle Assy	03.0103.012	1	0.60	0.27
Axle	03.0103.015	1	0.15	0.07
Crank Pinion	03.0103.014	1	0.15	0.07
Double Sprocket	03.0103.018	1	1.05	0.47
Crank Gear	03.0103.016	1	1.45	0.65
Bearings	01.0196.012	4	0.05	0.02
Spacer	04.0106.011	2	0.05	0.02
Spacer	04.0106.056	1	0.05	0.02
Lt Single Bearing Brkt. Assy.	03.0103.004	1	2.55	1.15
Rt Single Bearing Brkt. Assy.	03.0103.009	1	2.55	1.15
Left Bracket	03.0103.005	1	0.90	0.41
Right Bracket	03.0103.010	1	0.90	0.41
Axle	03.0103.008	1	0.20	0.09
Pinion Gear	03.0102.006	1	0.45	0.20
Sprocket	03.0103.007	1	0.70	0.32
Bearings	01.0196.012	2	0.05	0.02
Spacer	04.0106.013	1	0.15	0.07

4SA SADDLE MACHINE PARTS

Description	Part No.	Qty Reqd	Ship Weight	
			lbs	kg
Torch Arm	03.0101.001	1	1.50	0.68
Torch Carrier Assembly	03.0100.002	1	1.40	0.63
Torch Clamp Base	03.0100.003	1	0.70	0.32
Clamp	03.0100.004	1	0.35	0.16
Torch Clamp	03.0100.005	1	0.60	0.27
Screw Kit-Torch Carrier Assy	03.0100.029	1	0.50	0.23
Boomer Assembly	03.0104.011	1	1.70	0.77
Spring	01.0184.003	1	0.30	0.14
Boomer	01.0258.001	1	0.40	0.18
Snap Hook	01.0258.003	1	0.05	0.02
Chain	01.0577.005	1	0.95	0.43
Handle Tie Rod	03.0104.010	2	0.80	0.36
Threaded Studs	01.0194.003	2	0.05	0.02
Drive Chain	03.0104.009	2	0.75	0.34
Boomer Eye	03.0101.017	2	0.05	0.02
Double Bearing Bracket Assy	03.0104.007	1	4.75	2.14
Bracket	03.0104.008	1	1.00	0.45
Crank Handle Assy	03.0103.012	1	0.60	0.27
Axle	03.0103.015	1	0.15	0.07
Crank Pinion	03.0103.014	1	0.15	0.07
Double Sprocket	03.0103.018	1	1.05	0.47
Crank Gear/Sprocket Assy	03.0103.016	1	1.45	0.65
Bearings	01.0196.012	4	0.05	0.02
Spacer	04.0106.011	1	0.05	0.02
Spacer	04.0106.056	1	0.05	0.02
Lt. Single Bearing Brkt. Assy.	03.0104.004	1	2.40	1.08
Rt. Single Bearing Brkt. Assy.	03.0104.005	1	2.40	1.08
Bracket	03.0104.006	1	0.70	0.32
Axle	03.0103.008	1	0.20	0.09
Pinion Gear	03.0102.006	1	0.45	0.20
Sprocket	03.0103.007	1	0.70	0.32
Bearings	01.0196.012	2	0.05	0.02
Spacer	04.0106.013	1	0.15	0.07

5SA SADDLE MACHINE PARTS

Description	Part No.	Qty Reqd	Ship Weight	
			lbs	kg
Torch Arm	03.0101.001	1	1.50	0.68
Torch Carrier Assembly	03.0100.002	1	1.40	0.63
Torch Clamp Base	03.0100.003	1	0.70	0.32
Clamp	03.0100.004	1	0.35	0.16
Torch Clamp	03.0100.005	1	0.60	0.27
Screw Kit-Torch Carrier Assy	03.0100.029	1	0.50	0.23
Boomer Assembly	03.0105.017	1	1.95	0.88
Spring	01.0184.003	1	0.30	0.14
Boomer	01.0258.001	1	0.40	0.18
Snap Hook	01.0258.003	1	0.05	0.02
Chain	01.0577.006	1	1.20	0.54
Handle Tie Rod	03.0105.016	2	1.15	0.52
Threaded Studs	01.0194.003	2	0.05	0.02
Drive Chain	03.0105.015	2	0.85	0.38
Boomer Eye	03.0101.017	2	0.05	0.02
Double Bearing Bracket Assy	03.0105.010	1	4.35	1.96
Bracket	03.0105.011	1	1.35	0.61
Crank Handle Assy	03.0103.012	1	0.60	0.27
Axle	03.0105.013	1	0.20	0.09
Crank Pinion	03.0105.012	1	0.20	0.09
Crank Gear/Sprocket Assy	03.0105.014	1	1.55	0.70
Bearings	01.0196.012	4	0.05	0.02
Set Collar	01.0185.005	1	0.05	0.02
Spacer	04.0106.056	1	0.05	0.02
Spacer	04.0106.013	1	0.15	0.07
Lt Single Bearing Brkt. Assy.	03.0105.004	1	2.65	1.19
Rt Single Bearing Brkt. Assy.	03.0105.005	1	2.65	1.19
Bracket	03.0105.006	1	1.05	0.47
Axle	03.0105.009	1	0.20	0.09
Pinion Gear	03.0105.007	1	0.75	0.34
Sprocket	03.0105.008	1	0.75	0.34
Bearings	01.0196.012	2	0.05	0.02
Spacer	04.0106.013	1	0.15	0.07

6SA SADDLE MACHINE PARTS

Description	Part No.	Qty Reqd	Ship Weight	
			lbs	kg
Torch Arm	03.0101.001	1	1.50	0.68
Torch Carrier Assembly	03.0100.002	1	1.40	0.63
Torch Clamp Base	03.0100.003	1	0.70	0.32
Clamp	03.0100.004	1	0.35	0.16
Torch Clamp	03.0100.005	1	0.60	0.27
Screw Kit-Torch Carrier Assy	03.0100.029	1	0.50	0.23
Boomer Assembly	03.0106.010	1	2.20	0.99
Spring	01.0184.003	1	0.30	0.14
Boomer	01.0258.001	1	0.40	0.18
Snap Hook	01.0258.003	1	0.05	0.02
Chain	01.0577.007	1	1.45	0.65
Tie Rod - Top	03.0106.007	1	1.55	0.70
Tie Rod - Side	03.0106.006	2	1.35	0.61
Threaded Studs	01.0194.003	4	0.05	0.02
Drive Chain - Top	03.0106.004	1	0.85	0.38
Drive Chain - Side	03.0106.005	2	0.95	0.43
Boomer Eye	03.0101.017	2	0.05	0.02
Lifting Eye	03.0106.011	1	0.80	0.36
Double Bearing Bracket Assy	03.0105.010	2	4.35	1.96
Bracket	03.0105.011	1	1.35	0.61
Crank Handle Assy	03.0103.012	1	0.60	0.27
Axle	03.0105.013	1	0.20	0.09
Crank Pinion	03.0105.012	1	0.20	0.09
Crank Gear/Sprocket Assy	03.0105.014	1	1.55	0.70
Bearings	01.0196.012	4	0.05	0.02
Set Collar	01.0185.005	1	0.05	0.02
Spacer	04.0106.056	1	0.05	0.02
Spacer	04.0106.013	1	0.15	0.07
Single Bearing Bracket, Right	03.0105.005	1	2.65	1.19
Single Bearing Bracket, Left	03.0105.004	1	2.65	1.19
Bracket	03.0105.006	1	1.05	0.47
Axle	03.0105.009	1	0.20	0.09
Pinion Gear	03.0105.007	1	0.45	0.20
Sprocket	03.0105.008	1	0.75	0.34
Bearings	01.0196.012	2	0.05	0.02
Spacer	04.0106.013	1	0.15	0.07

8SA SADDLE MACHINE PARTS

Description	Part No.	Qty Reqd	Ship Weight	
			lbs	kg
Torch Arm	03.0101.001	1	1.50	0.68
Torch Carrier Assembly	03.0100.002	1	1.40	0.63
Torch Clamp Base	03.0100.003	1	0.70	0.32
Clamp	03.0100.004	1	0.35	0.16
Torch Clamp	03.0100.005	1	0.60	0.27
Screw Kit-Torch Carrier Assy	03.0100.029	1	0.50	0.23
Boomer Assembly	03.0108.006	1	2.55	1.15
Spring	01.0184.003	1	0.30	0.14
Boomer	01.0258.001	1	0.40	0.18
Snap Hook	01.0258.003	1	0.05	0.02
Chain	01.0577.009	1	1.80	0.81
Tie Rod - Top and Side	03.0108.005	3	1.80	0.81
Threaded Studs	01.0194.003	4	0.05	0.02
Drive Chain - Top and Side	03.0108.004	3	1.25	0.56
Boomer Eye	03.0101.017	2	0.05	0.02
Lifting Eye	03.0106.011	1	0.80	0.36
Double Bearing Bracket Assy	03.0108.013	2	4.75	2.14
Bracket	03.0105.011	1	1.35	0.61
Crank Handle Assy	03.0103.012	1	0.60	0.27
Axle	03.0108.011	1	0.25	0.11
Crank Pinion	03.0105.012	1	0.20	0.09
Crank Gear/Sprocket Assy	03.0105.014	1	1.55	0.70
Bearings	01.0196.012	4	0.05	0.02
Pinion Gear	03.0105.007	1	0.45	0.20
Spacer	04.0106.056	1	0.05	0.02
Spacer	04.0106.013	1	0.15	0.07
Single Bearing Bracket	03.0108.012	2	2.65	1.19
Bracket	03.0105.006	1	1.05	0.47
Axle	03..0108.011	1	0.25	0.11
Pinion Gear	03.0105.007	1	0.45	0.20
Sprocket	03.0105.008	1	0.75	0.34
Bearings	01.0196.012	2	0.05	0.02
Spacer	04.0106.013	1	0.15	0.07

MiniMag XM Pipe/Plate Cutter & Welder

- Ready to operate in minutes
- Cuts pipe, plate, walls and overheads
- Remote control allows operator to work a safe distance from the pipe
- Rare-earth magnets hold the MiniMag XM to the pipe surface with 300 pounds of force
- Up to 80% faster than cutting by hand
- For even greater cutting accuracy, a Guide Track can be used to cut pipe or plate with the MiniMag XM.

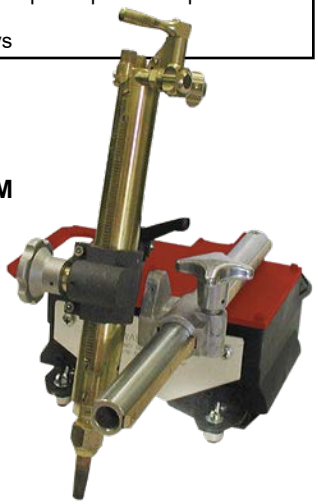
WARNING: MiniMag XM SHOULD NOT BE USED ON HEAVY WALL PIPE OR PLATE THICKER THAN 3" (76mm). MiniMag XM IS NOT DESIGNED FOR CUTTING SPIRAL WELDED PIPE. ALWAYS SECURE THE MiniMag XM TO THE PIPE WITH A SAFETY STRAP. A SAFETY STRAP SHOULD ALSO BE USED IN CONJUNCTION WITH GUIDE TRACKS.

PERSONS WEARING A PACEMAKER SHOULD NOT COME IN CONTACT WITH THIS EQUIPMENT. PLEASE CONTACT MATHEY DEARMAN PRIOR TO ATTEMPTING ANY APPLICATION NOT LISTED IN THIS CATALOG.

MINIMAG XM MACHINES INCLUDE:

- Base machine
- Torch arm
- Torch Carrier Assembly
- Machine Storage Case
- Parts and Operating Manual
- Torch Support
- Hose Support
- Cutting Torch NOT Included
- 74" Safety Strap for up to 24" Pipe
- Snap Hook
- Service Keys

MINIMAG XM



Custom storage box included

MINIMAG XM

Description	Part No.	Shipping Weight		Shipping Dimensions	
		lbs	kg	in	mm
Mini MagnaCut XM, 115 VAC	05.0550.MINIXM	31.0	14.0	18x18x10	457x457x254
Mini MagnaCut XM, 230 VAC	05.0550.MINIXM2	31.0	14.0	18x18x10	457x457x254

MINIMAG XM GUIDE STRIPS

Description	Part No.	Shipping Weight		Shipping Dimensions	
		lbs	kg	in	mm
Guide Track for 18" (457mm) pipe	05.0550.218	7.0	3.2	9x6x18	228.5x152x457
Guide Track for 20" (508mm) pipe	05.0550.220	6.0	2.7	10x6x20	254x152x495
Guide Track for 22" (559mm) pipe	05.0550.222	7.0	3.2	14x8x26	356x203x660
Guide Track for 24" (610mm) pipe	05.0550.224	8.0	3.6	12x6x24	305x152x610
Guide Track for 26" (660mm) pipe	05.0550.226	8.0	3.6	12x6x24	305x152x610
Guide Track for 28" (711mm) pipe	05.0550.228	9.0	4.1	15x6x30	381x152x762
Guide Track for 30" (762mm) pipe	05.0550.230	9.0	4.1	15x6x30	381x152x762
Guide Track for 32" (813mm) pipe	05.0550.232	10.0	4.5	16x6x32	406x152x812
Guide Track for 34" (864mm) pipe	05.0550.234	11.0	5.0	18x6x36	457x152x914
Guide Track for 36" (914mm) pipe	05.0550.236	11.0	5.0	18x6x36	457x152x914
Guide Track for 38" (965mm) pipe	05.0550.238	13.0	5.9	21x6x42	533x152x1067
Guide Track for 40" (1016mm) pipe	05.0550.240	13.0	5.9	21x6x42	533x152x1067
Guide Track for 42" (1067mm) pipe	05.0550.242	13.0	5.9	21x6x42	533x152x1067
Guide Track for 44" (1118mm) pipe	05.0550.244	15.0	6.8	24x6x48	610x152x1220
Guide Track for 46" (1168mm) pipe	05.0550.246	15.0	6.8	24x6x48	610x152x1220
Guide Track for 48" (1219mm) pipe	05.0550.248	15.0	6.8	24x6x48	610x152x1220
Guide Track for 50" (1270mm) pipe	05.0550.250	17.0	7.7	54x27x6	1372x686x152
Guide Track for 52" (1321mm) pipe	05.0550.252	17.0	7.7	54x27x6	1372x686x152
Guide Track for 54" (1372mm) pipe	05.0550.254	19.0	8.6	62x32x6	1575x813x152
Guide Track for 56" (1422mm) pipe	05.0550.256	19.0	8.6	62x32x6	1575x813x152
Guide Track for 58" (1473mm) pipe	05.0550.258	19.0	8.6	62x32x6	1575x813x152
Guide Track for 60" (1524mm) pipe	05.0550.260	19.0	8.6	62x32x6	1575x813x152
*Misc. Guide Strips available upon request.					

ACCESSORIES AND REPLACEMENT PARTS

Description	Part No.	Shipping Weight		Shipping Dimensions	
		lbs	kg	in	mm
1 3/8" (35mm) Torch Holder 32 Pitch Pinion w/Rack	05.0510.117	0.7	0.3	6x6x4	152x152x102
1 3/8" (35mm) Torch Holder w/Metric Pinion w/Rack	05.0510.117E	0.7	0.3	6x6x4	152x152x102
Torch Sliding Support	05.0510.180	1.3	0.6	6x6x4	152x152x102
Plasma Adapter	05.0510.301	2.0	0.9	6x6x4	152x152x102
Plasma Adapter, Elevates Torch Holder	05.0510.302	4.0	1.8	6x6x4	152x152x102
Cord Restraint	05.0550.007	1.0	0.5	6x6x4	152x152x102
Machined Cover	05.0550.009	3.5	1.6	12x10x6	305x254x152
Motor Control Box (Mini Mag Machines)	03.0203.009A	2.1	0.9	6x6x4	152x152x102
100 vdc Drive Motor	05.0550.016	0.9	0.4	8x6x6	203x152x152
Fuse, 3 amp Time Delay (MagnaCut Machine)	05.0550.038	0.0	0.0	6x6x6	152x152x152
Snap Hook, 1/4"	05.0550.035	0.1	0.0	Letter Size	
Roller Guide Bracket	05.0550.036	2.0	0.9	6x6x6	152x152x152
Roller Guide	05.0550.037	1.0	0.5	6x6x6	152x152x152
Safety Cable for 16" Pipe	05.0550.052	1.8	0.8	Letter Size	
Leather Sleeve (Cover for Electrical Cord)	05.0550.SLV	1.5	0.7	6x6x6	152x152x152
15' Ext. Cord (MiniMag, Saddle & Chain Machine)	03.0203.020	1.2	0.5	6x6x4	152x152x102
Molded Plastic Storage Box (Included w/MagnaCut)	05.0550.BOX	13.6	6.2	25x19x19	635x482x229

Sturdi-Clamp Chain Clamps

- Jackbars, spaced around the diameter of the pipe allow for precise alignment of joint
- Same proven quality as other Dearman chain clamps
- One Chain Clamp covers a wide range of pipe sizes
- Aligns & Reforms pipe with wall thickness to Schedule 40

All Double Jackscrew Chain Clamps Include:
• Nickel plated carbon steel or stainless steel duplex roller chain
• Stainless steel Single or Double Jackscrew Jackbars - quantity as indicated in specifications
• Stainless steel Main Block
• Jackscrew Breaker Bar & Socket
• Heavy-duty Storage Box*
• Parts and Operating Manual

STURDI-CLAMP CHAIN CLAMPS

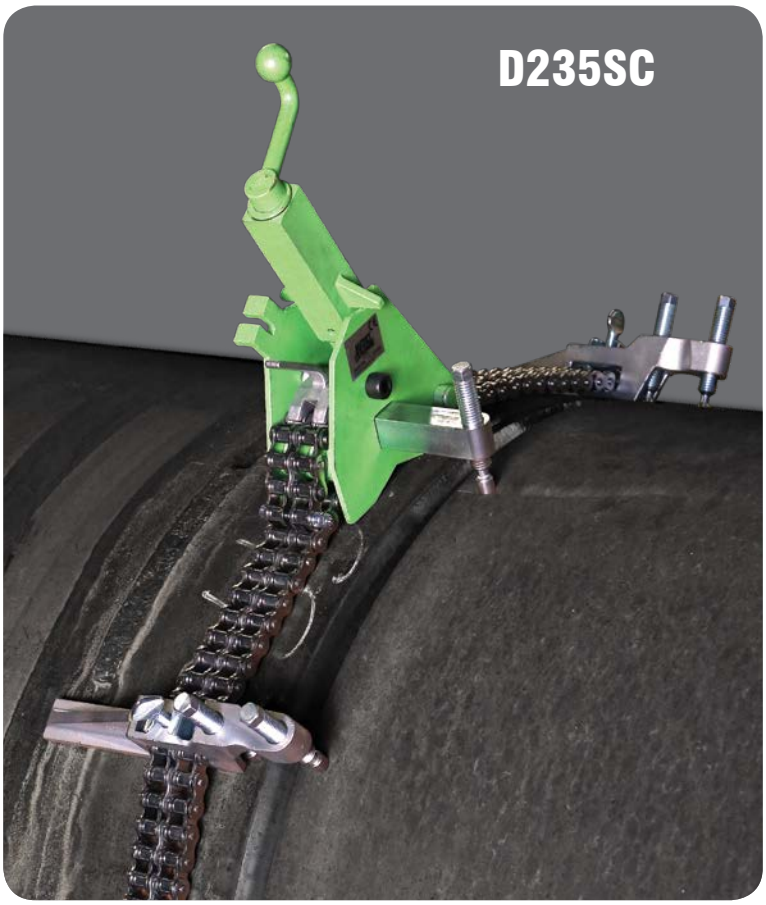
Model Part No.	No Of Jackbars	Reforms Pipes To Schedule	Aligns Pipes To Schedule	Pipe Size Range (in/mm)	Shipping Weight		Shipping Dimensions	
					lbs	kg	in	mm
D231-SC**	5	20	40	1-12 / 25-305	13.0	5.9	10X8X6	254X203X152
D231-SCSS**	5	20	40	1-12 / 25-305	13.0	5.9	10X8X6	254X203X152
D249-SC	7	20	40	4-20 / 102-508	31.0	14.0	16X8X8	406X203X203
D249SCSS	7	20	40	4-20 / 102-508	31.0	14.0	16X8X8	406X203X203
D235-SC	10	20	40	6-36 / 152-914	84.0	37.8	30X10X15	762X254X381
D235-SCSS	10	20	40	6-36 / 152-914	84.0	37.8	30X10X15	762X254X381

SS - INDICATES CLAMP IS FOR STAINLESS STEEL APPLICATION.
** DOES NOT INCLUDE LEVEL AND SUPPORT DEVICE OR STORAGE BOX.

**Calculations are based on pipe with a tensile strength of 45,000 lbs per square inch (3,168 kg per square centimeter)*

NOTE: COMPLETE WELDING OF THE JOINT CAN BE ACCOMPLISHED WITHOUT REMOVING THE CLAMP. AN ADDITIONAL JACKBAR CAN BE INSTALLED IF PRESSURE NEEDS TO BE APPLIED BETWEEN THE CLAMP JACKBARS. OPTIONAL SPACING SCREWS CAN BE ADDED FOR PRECISE WELD GAP ADJUSTMENT.

WARNINGS: STURDI CLAMPS SHOULD NEVER BE USED AS THE SOLE SUPPORT FOR THE PIPE OR TO LIFT THE PIPE. DO NOT EXCEED PIPE SIZE RANGE LISTED OR USE ANY TYPE OF CHAIN OTHER THAN SUPPLIED WITHOUT FIRST CONTACTING THE MATHEY DEARMAN SALES DEPARTMENT. USE OF CHAIN NOT SUPPLIED WITH THE CLAMP BY MATHEY DEARMAN WILL VOID THE CLAMP WARRANTY.



Spacing Screws STURDI -CLAMP Jackbars

Part No.	For Clamp	Shipping Weight		Shipping Dimensions	
		lbs	kg	in	mm
DA-570	D249-SC,D232-SC	0.2	0.1	6x6x4	152x152x102
DA-570S	D249-SCSS	0.2	0.1	6x6x4	152x152x102
DB-570	D235-SC	0.3	0.1	6x6x4	152x152x102
DB-570S	D235-SCSS	0.3	0.1	6x6x4	152x152x102

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SPACING SCREWS STURDI-CLAMP MAIN BLOCKS

Part No.	For Clamp Models	Shipping Weight		Shipping Dimensions	
		lbs	kg	in	mm
DA-870	D249-SC	0.2	0.1	6x6x4	152x152x102
DA-870S	D249-SCSS	0.2	0.1	6x6x4	152x152x102
DB-870	D235-SC	0.3	0.1	6x6x4	152x152x102
DB-870S	D235-SCSS	0.3	0.1	6x6x4	152x152x102

JACKBARS

Part No.	For Clamp Models	Shipping Weight		Shipping Dimensions	
		lbs	kg	in	mm
DXL-523 or S	D231-SC, D231-SCSS				
DA-600 or S	D249-SC, D249-SCSS	3.0	1.4	12x10x8	305x254x203
DB-600 or S	D235-SC,D235-SCSS	4.0	1.8	12x10x8	305x254x203

JACKSCREWS

Part No.	For Jackbars or Main Blocks	Shipping Weight		Shipping Dimensions	
		lbs	kg	in	mm
DXL-525 or S	D231-SC, D231-SCSS				
DA-701	DA600S, DB-600S	0.3	0.1	6x6x4	152x152x102

MAIN BLOCKS

Part No.	For Chain Clamp	Shipping Weight		Shipping Dimensions	
		lbs	kg	in	mm
DXL-524SC	D231-SC, D231-SCSS				
DA-100SC	D249-SC,D249-SCSS	3.0	1.4	12x10x8	305x254x203
DB-100SC	D235-SC,D235-SCSS	7.0	3.2	12x10x8	305x254x203

FINE ADJUSTMENT

Part No.	For Chain Clamp	Shipping Weight		Shipping Dimensions	
		lbs	kg	in	mm
DXL-200SC	D231-SC, D231-SCSS	0.8	0.4	6x6x4	152x152x102
DA-200SC	D249-SC, D249-SCSS	1.0	0.5	6x6x4	152x152x102
DB-200SC	D235-SC, D235-SCSS	3.0	1.4	6x6x4	152x152x102

LEVEL AND SUPPORT DEVICE

Part No.	For Chain Clamp	Shipping Weight		Shipping Dimensions	
		lbs	kg	in	mm
DA-400SSC	D249-SC,D249-SCSS	2.0	0.9	6x6x4	152x152x102
DB-400SSC	D235-SC,D235-SCSS	5.0	2.3	6x6x4	152x152x102

CHAIN (PRICE PER FOOT)

Part No.	For Chain Clamp	Shipping Weight		Shipping Dimensions	
		lbs	kg	in	mm
DA-300	D231-SC, D249-SC	1.0	0.5	6x6x4	152x152x102
DA-300S	D231SS, D231-SCSS, D249-SCSS	1.0	0.5	6x6x4	152x152x102
DB-300	D235-SC	2.0	0.9	12x10x6	305x254x152
DB-300S	D235-SCSS	2.0	0.9	12x10x6	305x254x152

CONNECTING LINK

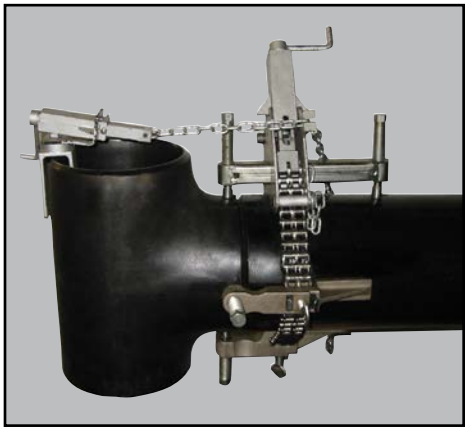
Part No.	For Chain Clamp	Shipping Weight		Shipping Dimensions	
		lbs	kg	in	mm
DA-301	D231-SC, D249-SC	0.1	0.0	6x6x4	152x152x102
DA-301S	D231-SCSS, D249-SCSS	0.1	0.0	6x6x4	152x152x102
DB-301	D235-SC	0.1	0.0	6x6x4	152x152x102
DB-301S	D235-SCSS	0.1	0.0	6x6x4	152x152x102

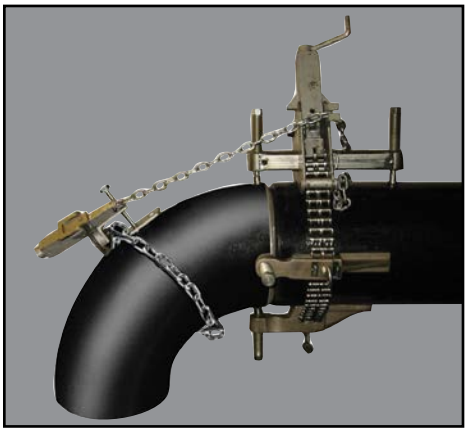
CHAIN CLAMP STORAGE BOXES

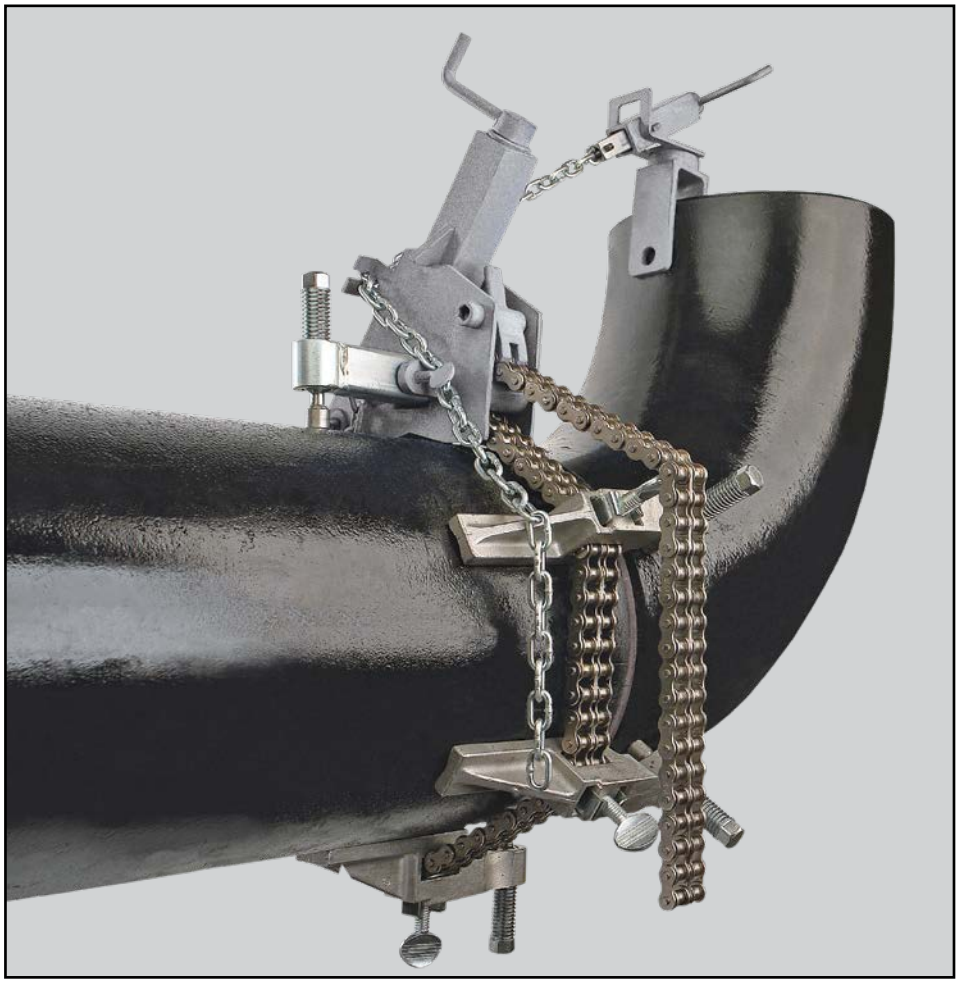
Part No.	For Clamp Models	Shipping Weight		Shipping Dimensions	
		lbs	kg	in	mm
NA	D231-SC	Ships in cardboard box			
D862	D235-SC	26.0	11.7	29x10x14	773x254x349
D864	D249-SC	8.0	3.6	22x8.5x9	559x216x222

Single Jackscrew Chain Clamps

- Aligns within 1/64" (.4 mm) of an inch
- Aligns pipe with wall thickness to Schedule 80
- Reforms mating pipe with wall thickness to Schedule 40
- Level and Support Device holds fittings safely and securely
- Aligns and reforms pipe, elbows, tees and other fittings
- One Chain Clamp covers the range of 8 cage clamps
- Pipe and fittings can be fully welded with clamp in place
- Jackscrew contact points swivel to protect against marring the pipe
- Optional Spacing Screws available to assist in setting weld gap
- An add-on Jackbar can be added when additional reforming pressure is needed.







SINGLE JACKSCREW CHAIN CLAMPS

Model Part No.	No Of Jackbars	Reforms Pipes To Schedule	Aligns Pipes To Schedule	Pipe Size Range (in/mm)	Shipping Weight		Shipping Dimensions	
					lbs	kg	in	mm
D231	3	40	80	1-8 / 25-203	21.0	9.5	16x8x8	406x203x203
D231SS	3	40	80	1-8 / 25-203	21.0	9.5	16x8x8	406x203x203
D232	7	40	80	4-16 / 102-406	68.0	30.6	30x10x15	762x254x381
D232SS	7	40	80	4-16 / 102-406	68.0	30.6	30x10x15	762x254x381
D233	8	40	80	10-36 / 254-914	144.0	64.8	30x10x15	762x254x381
D233SS	8	40	80	10-36 / 254-914	144.0	64.8	30x10x15	762x254x381
D234	13	40	80	10-54 / 254-1372	170.0	76.5	30x10x15	762x254x381
D234SS	13	40	80	10-54 / 254-1372	170.0	76.5	30x10x15	762x254x381

All Single Jackscrew Chain Clamps Include:

- Length Of Chain Required For The Pipe Range
- Single Jackscrew Jackbars Listed For The Pipe Range
- Main Block
- Fine Adjustment
- Level And Support Device
- Jackscrew Wrench
- Storage Box
- Parts And Operating Manual
- Jackscrews With Swivel Pads

SPACING SCREWS FOR SINGLE SCREW JACKBARS

Part No.	For Clamp	Shipping Weight		Shipping Dimensions	
		lbs	kg	in	mm
DA-570	D231,	0.3	0.1	6x6x4	152x152x102
DA-570S	D231SS,	0.3	0.1	6x6x4	152x152x102
DB-570	D232,	0.4	0.2	6x6x4	152x152x102
DB-570S	D232SS,	0.4	0.2	6x6x4	152x152x102
DC-570	D233,D234,	0.4	0.2	6x6x4	152x152x102
DC-570S	D233SS,D234SS,	0.4	0.2	6x6x4	152x152x102

Double Jackscrew Chain Clamps

- Jackbar design provides additional clearance, so the weld can be easily completed with clamp in place
- Double Jackbars spaced around the diameter of the pipe allow reforming on both sides of joint to within 1/64" (.4mm)
- Aligns pipe with wall thickness up to Schedule 80
- Reforms pipe with wall thickness to Schedule 40
- Support, align, and reform elbow, tees, and other fittings that cage clamps can't; one Chain Clamp covers the range of 8 cage clamps
- With the standard Level and Support Device, the clamp can be configured to align, reform and support almost any type of fitting for welding

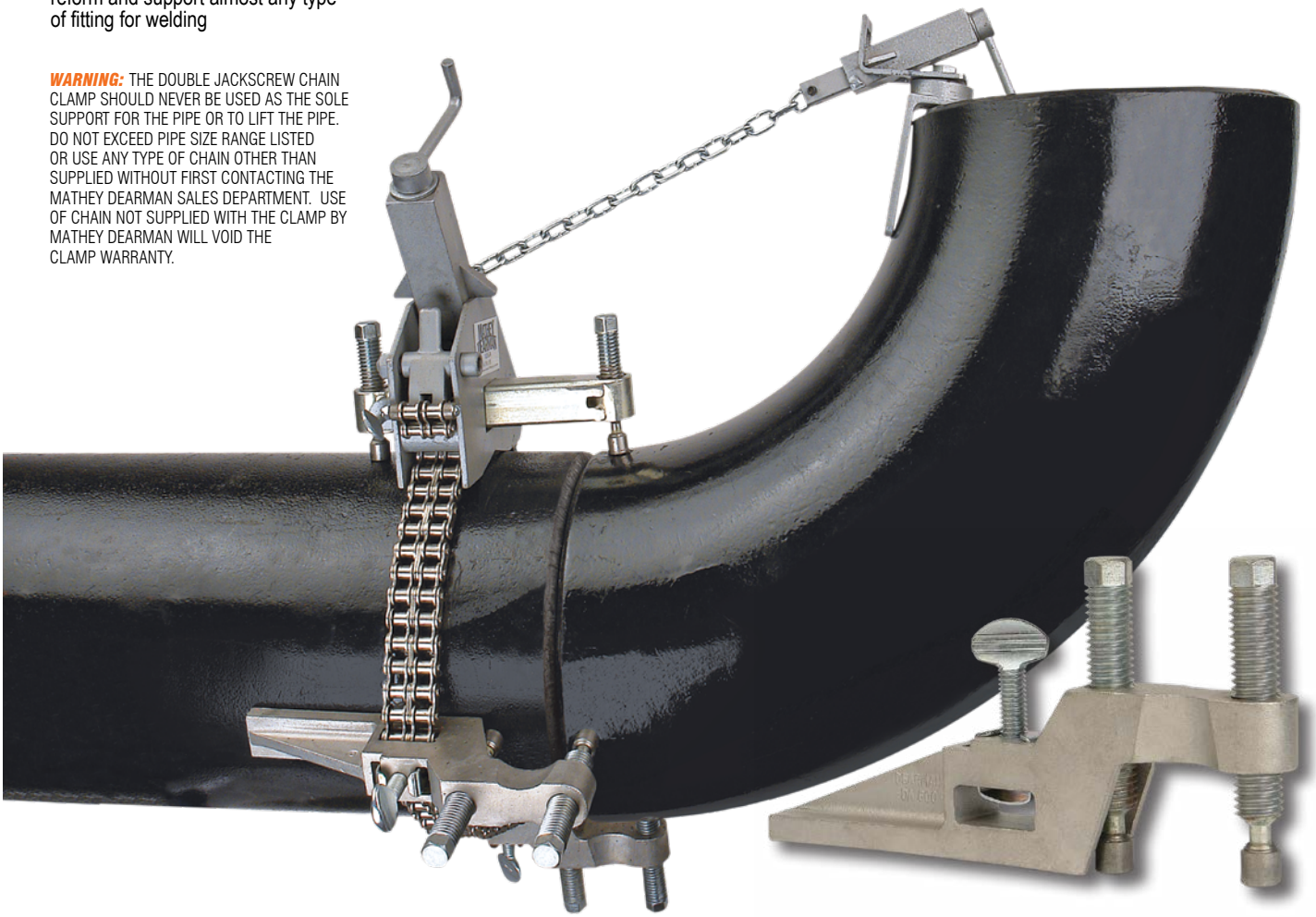
WARNING: THE DOUBLE JACKSCREW CHAIN CLAMP SHOULD NEVER BE USED AS THE SOLE SUPPORT FOR THE PIPE OR TO LIFT THE PIPE. DO NOT EXCEED PIPE SIZE RANGE LISTED OR USE ANY TYPE OF CHAIN OTHER THAN SUPPLIED WITHOUT FIRST CONTACTING THE MATHEY DEARMAN SALES DEPARTMENT. USE OF CHAIN NOT SUPPLIED WITH THE CLAMP BY MATHEY DEARMAN WILL VOID THE CLAMP WARRANTY.

DOUBLE JACKSCREW CHAIN CLAMPS

Model Part No.	No Of Jackbars	Reforms Pipes To Schedule	Aligns Pipes To Schedule	Pipe Size Range (in/mm)	Shipping Weight		Shipping Dimensions	
					lbs	kg	in	mm
D250	3	40	80	1-8 (25-203)	27.0	12.2	23x10x9	584x254x229
D250SS	3	40	80	1-8 (25-203)	27.0	12.2	23x10x9	584x254x229
D249	7	40	80	4-16 (102-406)	72.0	32.4	30x10x15	762x254x381
D249SS	7	40	80	4-16 (102-406)	72.0	32.4	30x10x15	762x254x381
D235	8	40	80	10-36 (254-914)	144.0	64.8	30x10x15	762x254x381
D235SS	8	40	80	10-36 (254-914)	144.0	64.8	30x10x15	762x254x381
D236	13	40	80	10-54 (254-1372)	180.0	81.0	30x10x15	762x254x381
D236SS	13	40	80	10-54 (254-1372)	180.0	81.0	30x10x15	762x254x381

All Double Jackscrew Chain Clamps Include:

- Length Of Chain Required For The Pipe Range
- Double Jackscrew Jackbars Listed For The Pipe Range
- Main block with on/off magnets
- Fine Adjustment
- Level And Support Device
- Jackscrew Wrench
- Storage Box
- Parts And Operating Manual
- Jackscrews With Swivel Pads
- Carbon or Stainless Spacing Screws Available as Options
- Level And Support Device



Spacing Screws For Double Screw Jackbars

Part No.	For Clamp	Shipping Weight		Shipping Dimensions	
		lbs	kg	in	mm
DA-570	D250	0.2	0.1	6x6x4	152x152x102
DA-570S	D250SS	0.2	0.1	6x6x4	152x152x102
DB-570	D249	0.3	0.1	6x6x4	152x152x102
DB-570S	DD249SS	0.3	0.1	6x6x4	152x152x102
DC-570	D235,D236	0.3	0.1	6x6x4	152x152x102
DC-570S	D235SS,D236SS	0.3	0.1	6x6x4	152x152x102

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Spacing Screws For Single Chain Main Blocks

Part No.	For Clamp Models	Shipping Weight		Shipping Dimensions	
		lbs	kg	in	mm
DA-870	D250	0.2	0.1	6x6x4	152x152x102
DA-870S	D250SS	0.2	0.1	6x6x4	152x152x102
DB-870	D249	0.3	0.1	6x6x4	152x152x102
DB-870S	D249SS	0.3	0.1	6x6x4	152x152x102
DC-870	D235, D236	0.3	0.1	6x6x4	152x152x102
DC-870S	D235SS, D236SS	0.3	0.1	6x6x4	152x152x102

JACKBARS

Part No.	For Clamp Models	Shipping Weight		Shipping Dimensions	
		lbs	kg	in	mm
DA-600S	D250, D250SS	3.0	1.4	12x10x8	305x254x203
DB-600S	D249, D249SS	4.0	1.8	12x10x8	305x254x203
DC-600S	D235, D235SS, D236, D236SS	5.0	2.3	12x10x8	305x254x203

JACKSCREWS

Part No.	For Jackbars or Main Blocks	Shipping Weight		Shipping Dimensions	
		lbs	kg	in	mm
DA-501	DA-100,DA-100SC,DA-500S,DB-500S	0.2	0.1	6x6x4	152x152x102
DA-701	DB-100,DB-100SC,DA600S,DB-600S,DA-800,DB-800,DA-900,DB-900	0.3	0.1	6x6x4	152x152x102
DC-501	DC-100,DC-500S,DC-600S,DC-800,DC-900,DD-100,DD-100S,DD-500	0.6	0.3	6x6x4	152x152x102

MAIN BLOCKS

Part No.	For Chain Clamp	Shipping Weight		Shipping Dimensions	
		lbs	kg	in	mm
DA-100	D250, D250SS	3.0	1.4	12x10x8	305x254x203
DB-100	D249, D249SS	7.0	3.2	12x10x8	305x254x203
DC-100	D235, D235SS, D236, D236SS	13.0	5.9	12x10x8	305x254x203

FINE ADJUSTMENT

Part No.	For Chain Clamp	Shipping Weight		Shipping Dimensions	
		lbs	kg	in	mm
DA-200	D250, D250SS	1.0	0.5	6x6x4	152x152x102
DB-200	D249, D249SS	3.0	1.4	6x6x4	152x152x102
DC-200	D235, D235SS, D236, D236SS	4.0	1.8	12x10x6	305x254x152

LEVEL AND SUPPORT DEVICE

Part No.	For Chain Clamp	Shipping Weight		Shipping Dimensions	
		lbs	kg	in	mm
DA-400S	D250, D250SS	2.0	0.9	6x6x4	152x152x102
DB-400S	D249, D249SS	5.0	2.3	6x6x4	152x152x102
DC-400	D235, D236 Series (Carbon Steel)	14.0	6.3	12x10x6	305x254x152
DC-400S	D235SS, D236SS Series (Stainless Steel)	14.0	6.3	12x10x6	305x254x152

CHAIN (PRICE PER FOOT)

Part No.	For Chain Clamp	Shipping Weight		Shipping Dimensions	
		lbs	kg	in	mm
DA-300	D250	1.0	0.5	6x6x4	152x152x102
DA-300S	D250SS	1.0	0.5	6x6x4	152x152x102
DB-300	D249	2.0	0.9	12x10x6	305x254x152
DB-300S	D249SS	2.0	0.9	12x10x6	305x254x152
DC-300	D235, D236 Series (Carbon Steel)	4.0	1.8	12x10x8	305x254x203
DC-300S	D235SS, D236SS Series (Stainless Steel)	4.0	1.8	12x10x8	305x254x203

CONNECTING LINK

Part No.	For Chain Clamp	Shipping Weight		Shipping Dimensions	
		lbs	kg	in	mm
DA-301	D250	0.1	0.0	6x6x4	152x152x102
DA-301S	D250SS	0.1	0.0	6x6x4	152x152x102
DB-301	D249	0.1	0.0	6x6x4	152x152x102
DB-301S	D249SS	0.1	0.0	6x6x4	152x152x102
DC-301	D235, D236 Series (Carbon Steel)	0.3	0.1	6x6x4	152x152x102
DC-301S	D235SS, D236SS Series (Stainless Steel)	0.3	0.1	6x6x4	152x152x102

CHAIN CLAMP STORAGE BOXES

Part No.	For Clamp Models	Shipping Weight		Shipping Dimensions	
		lbs	kg	in	mm
D862	D235, D236	26.0	11.7	29x10x14	773x254x349
D864	D250, D249,	8.0	3.6	22x8.5x9	559x216x222

SPACING SCREWS FOR SINGLE MAIN BLOCKS; UNIVERSAL JACKBARS

Part No.	For Clamp Models	Shipping Weight		Shipping Dimensions	
		lbs	kg	in	mm
DA-870	D231,	0.2	0.1	6x6x4	152x152x102
DA-870S	D231SS,	0.2	0.1	6x6x4	152x152x102
DB-870	D232,	0.3	0.1	6x6x4	152x152x102
DB-870S	D232SS,	0.3	0.1	6x6x4	152x152x102
DC-870	D233,D234,	0.3	0.1	6x6x4	152x152x102
DC-870S	D233SS,D234SS,	0.3	0.1	6x6x4	152x152x102

JACKBARS

Part No.	For Clamp Models	Shipping Weight		Shipping Dimensions	
		lbs	kg	in	mm
DA-500S	D231,D231SS,	2.0	0.9	12x10x8	305x254x203
DB-500S	D232, D232SS	3.0	1.4	12x10x8	305x254x203
DC-500S	D233,D233SS,D234,D234SS	4.0	1.8	12x10x8	305x254x203

JACKSCREWS

Part No.	For Jackbars or Main Blocks	Shipping Weight		Shipping Dimensions	
		lbs	kg	in	mm
DA-501	DA-100,DA-100SC,DA-500S,DB-500S	0.2	0.1	6x6x4	152x152x102
DA-701	DB-100,DB-100SC,DA600S,DB-600S,DA-800,DB-800,DA-900,DB-900	0.3	0.1	6x6x4	152x152x102
DC-501	DC-100,DC-500S,DC-600S,DC-800,DC-900,DD-100,DD-100S,DD-500	0.6	0.3	6x6x4	152x152x102

MAIN BLOCKS

Part No.	For Chain Clamp	Shipping Weight		Shipping Dimensions	
		lbs	kg	in	mm
DA-100	D231,D231SS,	3.0	1.4	12x10x8	305x254x203
DB-100	D232,D232SS,	7.0	3.2	12x10x8	305x254x203
DC-100	D233,D233SS,D234,D234SS,	13.0	5.9	12x10x8	305x254x203

FINE ADJUSTMENT

Part No.	For Chain Clamp	Shipping Weight		Shipping Dimensions	
		lbs	kg	in	mm
DA-200	D231,D231SS,	1.0	0.5	6x6x4	152x152x102
DB-200	D232,D232SS,	3.0	1.4	6x6x4	152x152x102
DC-200	D233,D233SS,D234,D234SS,	4.0	1.8	12x10x6	305x254x152

LEVEL AND SUPPORT DEVICE

Part No.	For Chain Clamp	Shipping Weight		Shipping Dimensions	
		lbs	kg	in	mm
DA-400S	D231,D231SS,	2.0	0.9	6x6x4	152x152x102
DB-400S	D232,D232SS,D249,D249SS,D2249,D2249SS	5.0	2.3	6x6x4	152x152x102
DC-400	D233,D234,Series (Carbon Steel)	14.0	6.3	12x10x6	305x254x152
DC-400S	D233SS,D234SS,Series (Stainless Steel)	14.0	6.3	12x10x6	305x254x152

CHAIN (PRICE PER FOOT)

Part No.	For Chain Clamp	Shipping Weight		Shipping Dimensions	
		lbs	kg	in	mm
DA-300	D231,	1.0	0.5	6x6x4	152x152x102
DA-300S	D231SS,	1.0	0.5	6x6x4	152x152x102
DB-300	D232,	2.0	0.9	12x10x6	305x254x152
DB-300S	D232SS,	2.0	0.9	12x10x6	305x254x152
DC-300	D233,D234,Series (Carbon Steel)	4.0	1.8	12x10x8	305x254x203
DC-300S	D233SS,D234SS,Series (Stainless Steel)	4.0	1.8	12x10x8	305x254x203

CONNECTING LINK

Part No.	For Chain Clamp	Shipping Weight		Shipping Dimensions	
		lbs	kg	in	mm
DA-301	D231, D231SS,	0.1	0.0	6x6x4	152x152x102
DB-301	D232,D233SS,	0.1	0.0	6x6x4	152x152x102
DB-301S	D232SS,	0.1	0.0	6x6x4	152x152x102
DC-301	D233,D234,Series (Carbon Steel)	0.3	0.1	6x6x4	152x152x102
DC-301S	D233SS,D234SS,Series (Stainless Steel)	0.3	0.1	6x6x4	152x152x102

CHAIN CLAMP STORAGE BOXES

Part No.	For Clamp Models	Shipping Weight		Shipping Dimensions	
		lbs	kg	in	mm
D864	D231,D232, D231SS,D232SS,	4.2	1.9	22x7x7.5	559x178x191
D862	D233, D233SS, D234, D234SS	26.0	11.7	29x10x14	773x254x349

Universal Chain Clamps

- Reforms pipe to Schedule 20 and aligns pipe to Schedule 40
- Swivel-foot Jackscrews help ensure precise alignment by securely holding on uneven pipe surfaces
- Jackbars can be adjusted to relocate the contact point of Jackscrews for extra support of mating pipe or fittings
- A single Universal Chain Clamp covers the same range as 8 cage clamps

WARNING: THE UNIVERSAL CHAIN CLAMP SHOULD NEVER BE USED AS THE SOLE SUPPORT FOR THE PIPE OR TO LIFT THE PIPE. DO NOT EXCEED PIPE SIZE RANGE LISTED OR USE ANY TYPE OF CHAIN OTHER THAN SUPPLIED WITHOUT FIRST CONTACTING THE MATHEY DEARMAN SALES DEPARTMENT. USE OF CHAIN NOT SUPPLIED WITH THE CLAMP BY MATHEY DEARMAN WILL VOID THE CLAMP WARRANTY.

COMPLETE WELDING OF THE JOINT CAN BE ACCOMPLISHED WITH REMOVING THE CLAMP. ADD-ON JACKBAR CAN BE ADDED IF PRESSURE NEEDS TO BE APPLIED BETWEEN THE CLAMP JACKBARS. JACKSCREW PADS PIVOT INDEPENDENTLY TO HANDLE UNEVEN SURFACES. OPTIONAL SPACING SCREWS CAN BE ADDED FOR PRECISE WELD GAP ADJUSTMENT.

NOTE MATHEY DEARMAN CHAIN CLAMPS CAN BE RECONFIGURED FOR STAINLESS STEEL AND OTHER SPECIALTY ALLOY APPLICATIONS. REPLACE THE CARBON STEEL ROLLER CHAIN WITH STAINLESS STEEL CHAIN. (ALL OTHER COMPONENTS OF CHAIN CLAMPS ARE MADE OF STAINLESS STEEL)

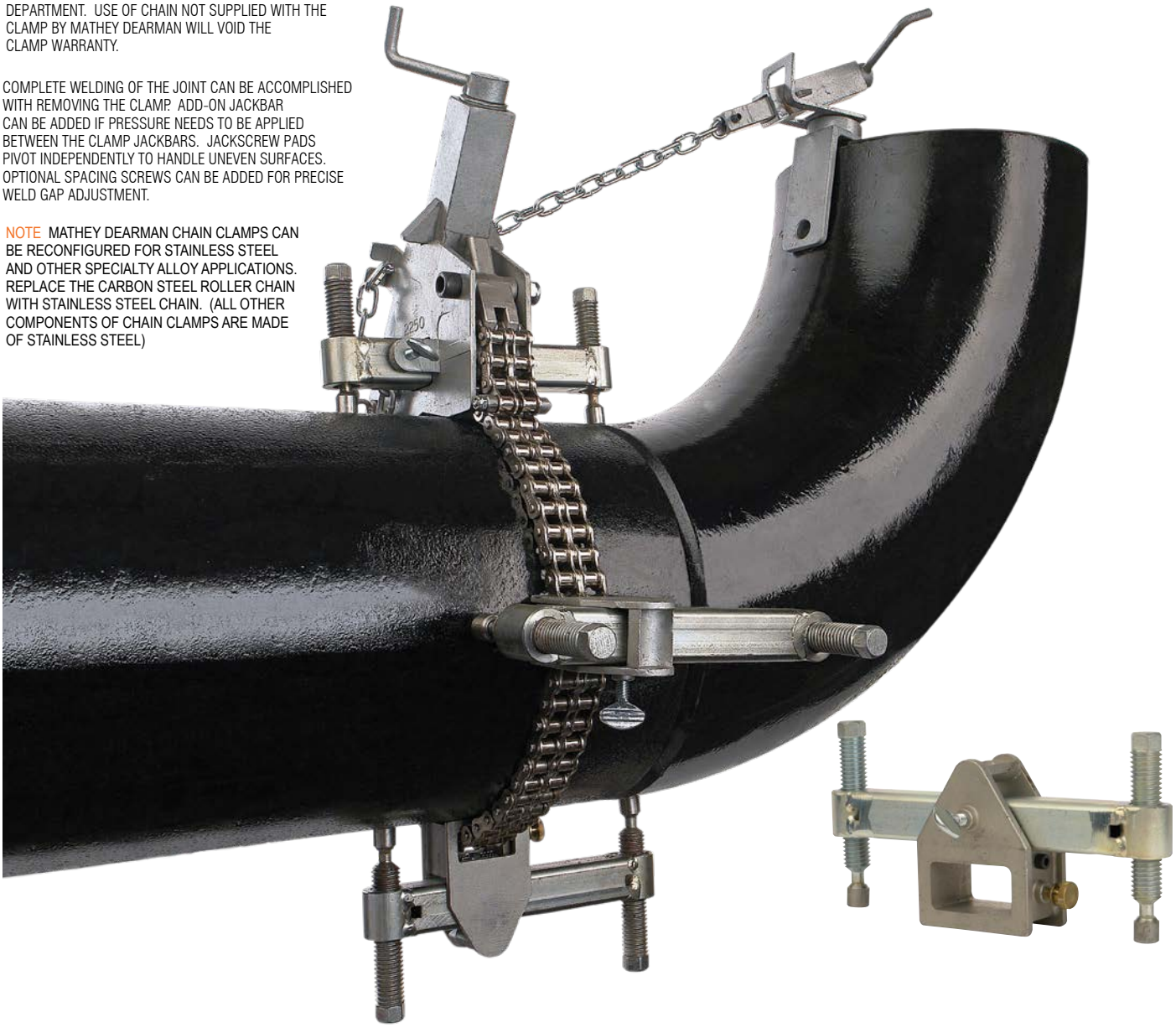
UNIVERSAL CHAIN CLAMPS

Model Part No.	No Of Jackbars	Reforms Pipes To Schedule	Aligns Pipes To Schedule	Pipe Size Range (in/mm)	Shipping Weight		Shipping Dimensions	
					lbs	kg	in	mm
D2250	3	20	40	1-8 / 25-203	25.0	11.3	23x10x9	584x254x229
D2250SS	3	20	40	1-8 / 25-203	25.0	11.3	23x10x9	584x254x229
D2249	7	20	40	4-16 / 102-406	70.0	31.5	30x10x15	762x254x381
D2249SS	7	20	40	4-16 / 102-406	70.0	31.5	30x10x15	762x254x381
D2235	8	20	40	10-36 / 254-914	145.0	65.3	30x10x15	762x254x381
D2235SS	8	20	40	10-36 / 254-914	145.0	65.3	30x10x15	762x254x381

All Universal Chain Clamps Include:

- Length Of Chain Required For The Pipe Range
- Single Jackscrew Jackbars Listed For The Pipe Range
- Main Block
- Fine Adjustment
- Level And Support Device
- Jackscrew Wrench
- Storage Box
- Parts And Operating Manual
- Jackscrews With Swivel Pads
- Carbon or Stainless Spacing Screws Available as Options

** Calculations are based on pipe with a tensile strength of 45,000 lbs per square inch (3,164 kg per square centimeter).*
SS - Indicates clamp is for stainless steel application



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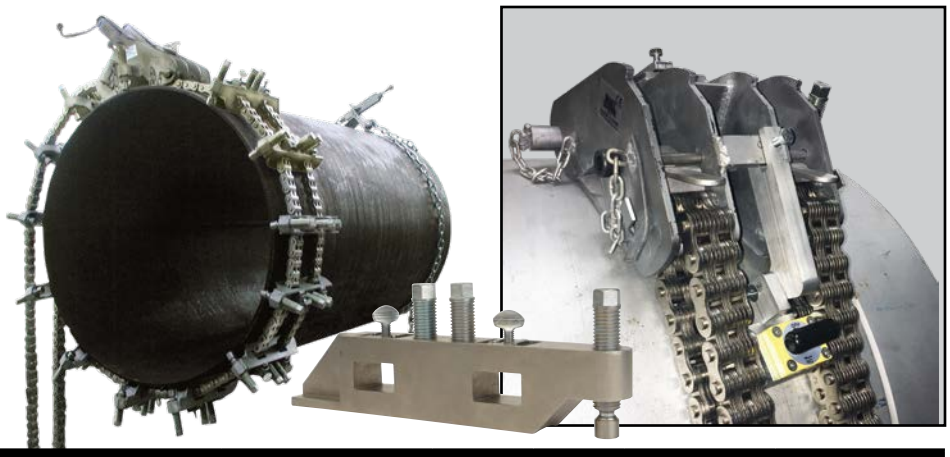
Double Chain Clamps

- Numerous Jackbars provide clamping pressure exactly where needed for perfect alignment
- Reforms and aligns pipe with Schedule 80 wall thickness
- Fits extremely large range of pipe diameters
- Jackbar pads pivot independently to handle uneven pipe and fitting surfaces
- MAGSWITCH magnets are standard with all Double Chain Clamps



DOUBLE CHAIN CLAMPS									
Model Part No.	No Of MainBlocks	No Of Jackbars	ReformPipe To Schedule	AlignsPipes To Schedule	Pipe Size Range (in/mm)	Shipping Weight		Shipping Dimensions	
						lbs	kg	in	mm
D251-1036	1	9	80	120	10-36 / 254-914	220	99	27x17x19	683x430x481
D251-1036SS	1	9	80	120	10-36 / 254-914	220	99	27x17x19	683x430x481
D251-1048	1	12	80	120	10-48 / 254-1219	278	125	27x17x19	683x430x481
D251-1048SS	1	12	80	120	10-48 / 254-1219	278	125	27x17x19	683x430x481
D251-1054	1	14	80	120	10-54 / 254-1372	300	135	27x17x19	683x430x481
D251-1054SS	1	14	80	120	10-54 / 254-1372	300	135	27x17x19	683x430x481
D251-1060	1	16	80	120	10-60 / 254-1524	328	148	27x17x19	683x430x481
D251-1060SS	1	16	80	120	10-60 / 254-1524	328	148	27x17x19	683x430x481
D251-1072	1	20	80	120	10-72 / 254-1829	387	174	40x16x19	1012x405x481
D251-1072SS	1	20	80	120	10-72 / 254-1829	387	174	40x16x19	1012x405x481
D251-1084	1	24	80	120	10-84 / 254-2134	442	199	40x16x19	1012x405x481
D251-1084SS	1	24	80	120	10-84 / 254-2134	442	199	40x16x19	1012x405x481
D251-1096	2	28	80	120	10-96 / 254-2438	498	224	40x16x19	1012x405x481
D251-1096SS	2	28	80	120	10-96 / 254-2438	498	224	40x16x19	1012x405x481
D251-10108	2	32	80	120	10-108 / 254-2743	554	249	40x16x19	1012x405x481
D251-10108SS	2	32	80	120	10-108 / 254-2743	554	249	40x16x19	1012x405x481
D251-10120	2	36	80	120	10-120 / 254-3048	610	275	40x16x30	1012x405x759
D251-10120SS	2	36	80	120	10-120 / 254-3048	610	275	40x16x30	1012x405x759
D251-1011F	2	39	80	120	10-132 / 254-3353	660	297	40x16x30	1012x405x759
D251-1011FSS	2	39	80	120	10-132 / 254-3353	660	297	40x16x30	1012x405x759
D251-1012F	2	42	80	120	10-144 / 254-3715	710	320	40x16x30	1012x405x759
D251-1012FSS	2	42	80	120	10-144 / 254-3715	710	320	40x16x30	1012x405x759
D251-1014F	3	48	80	120	10-168 / 254-4267	810	365	40x16x30	1012x405x759
D251-1014FSS	3	48	80	120	10-168 / 254-4267	810	365	40x16x30	1012x405x759
D251-1016F	3	54	80	120	10-192 / 254-4877	910	410	40x16x30	1012x405x759
D251-1016FSS	3	54	80	120	10-192 / 254-4877	910	410	40x16x30	1012x405x759
D251-1018F	3	60	80	120	10-216 / 254-5486	1,010	455	40x16x30	1012x405x759
D251-1018FSS	3	60	80	120	10-216 / 254-5486	1,010	455	40x16x30	1012x405x759
D251-1020F	3	66	80	120	10-240 / 254-6096	1,110	500	40x16x30	1012x405x759
D251-1020FSS	3	66	80	120	10-240 / 254-6096	1,110	500	40x16x30	1012x405x759

All Double Chain Clamps Include:

- Length Of Chain Required For The Pipe Range
- Universal Jackbars Listed For The Pipe Range
- Main Blocks Listed For The Pipe Range
- Level And Support Device for D251-1036 Thru D251-1054
- Larger Clamps Supplied With Come-A-Long
- Jackscrew Wrench
- MAGSWITCH Magnet for easy setup
- Two (2) Fine Adjustments
- Parts And Operating Manual
- Jackscrews With Swivel Pads

WARNING: THE DOUBLE CHAIN CLAMP SHOULD NEVER BE USED AS THE SOLE SUPPORT FOR THE PIPE OR TO LIFT THE PIPE. DO NOT EXCEED PIPE SIZE RANGE LISTED OR USE ANY TYPE OF CHAIN OTHER THAN SUPPLIED WITHOUT FIRST CONTACTING THE MATHEY DEARMAN SALES DEPARTMENT. USE OF CHAIN NOT SUPPLIED WITH THE CLAMP BY MATHEY DEARMAN WILL VOID THE CLAMP WARRANTY.

DD-580 HYDRAULIC CLOSURE MECHANISM

D104-KIT MANUAL HYDRAULIC PUMP KIT

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JACK BAR SPACING SCREWS FOR DOUBLE CHAIN CLAMP

Part No.	For Clamp Models	Shipping Weight		Shipping Dimensions	
		lbs	kg	in	mm
DD-750	D251 Carbon Steel	0.2	0.1	6x6x4	152x152x102
DD-750S	D251 Stainless Steel	0.2	0.1	6x6x4	152x152x102

JACKBARS

Part No.	For Clamp Models	Shipping Weight		Shipping Dimensions	
		lbs	kg	in	mm
DD-500	D251 Series Carbon Steel	7.0	3.2	12x10x8	305x254x203
DD-500S	D251 Series Stainless Steel	7.0	3.2	12x10x8	305x254x203

JACKSCREWS

Part No.	For Jackbars or Main Blocks	Shipping Weight		Shipping Dimensions	
		lbs	kg	in	mm
DC-501	DD-500	0.6	0.3	6x6x4	152x152x102

MAIN BLOCKS

Part No.	For Chain Clamp	Shipping Weight		Shipping Dimensions	
		lbs	kg	in	mm
DD-100	All Series 251 (Carbon Steel)	25.0	11.3	12x10x8	305x254x203
DD-100S	All Series 251 (Stainless Steel)	25.0	11.3	12x10x8	305x254x203

FINE ADJUSTMENT

Part No.	For Chain Clamp	Shipping Weight		Shipping Dimensions	
		lbs	kg	in	mm
DC-200	D251	4.0	1.8	12x10x6	305x254x152

LEVEL AND SUPPORT DEVICE

Part No.	For Chain Clamp	Shipping Weight		Shipping Dimensions	
		lbs	kg	in	mm
DC-400	D251 Series (Carbon Steel)	14.0	6.3	12x10x6	305x254x152
DC-400S	D251 Series (Stainless Steel)	14.0	6.3	12x10x6	305x254x152

CHAIN

Part No.	For Chain Clamp	Shipping Weight		Shipping Dimensions	
		lbs	kg	in	mm
DC-300	251 Series (Carbon Steel)	4.0	1.8	12x10x8	305x254x203
DC-300S	D251 Series (Stainless Steel)	4.0	1.8	12x10x8	305x254x203

CONNECTING LINK

Part No.	For Chain Clamp	Shipping Weight		Shipping Dimensions	
		lbs	kg	in	mm
DC-301	D251 Series (Carbon Steel)	0.3	0.1	6x6x4	152x152x102
DC-301S	D251 Series (Stainless Steel)	0.3	0.1	6x6x4	152x152x102

SPACING SCREWS FOR UNIVERSAL JACKBARS

Part No.	For Clamp Models	Shipping Weight		Shipping Dimensions	
		lbs	kg	in	mm
DA-870	D2250	0.2	0.1	6x6x4	152x152x102
DA-870S	D2250SS	0.2	0.1	6x6x4	152x152x102
DB-870	D2249	0.3	0.1	6x6x4	152x152x102
DB-870S	D2249SS	0.3	0.1	6x6x4	152x152x102
DC-870	D2235	0.3	0.1	6x6x4	152x152x102
DC-870S	D2235SS	0.3	0.1	6x6x4	152x152x102

JACKBARS

Part No.	For Clamp Models	Shipping Weight		Shipping Dimensions	
		lbs	kg	in	mm
DA-800	D2250	2.0	0.9	12x10x8	305x254x203
DB-800	D2249	3.0	1.4	12x10x8	305x254x203
DC-800	D2235	4.0	1.8	12x10x8	305x254x203

JACKSCREWS

Part No.	For Jackbars or Main Blocks	Shipping Weight		Shipping Dimensions	
		lbs	kg	in	mm
DA-701	DA-800,DB-800	0.3	0.1	6x6x4	152x152x102
DC-501	DC-800	0.6	0.3	6x6x4	152x152x102

MAIN BLOCKS

Part No.	For Chain Clamp	Shipping Weight		Shipping Dimensions	
		lbs	kg	in	mm
DA-100	D2250, D2250SS	3.0	1.4	12x10x8	305x254x203
DB-100	D2249, D2249SS	7.0	3.2	12x10x8	305x254x203
DC-100	D2235,D2235SS	13.0	5.9	12x10x8	305x254x203

FINE ADJUSTMENT

Part No.	For Chain Clamp	Shipping Weight		Shipping Dimensions	
		lbs	kg	in	mm
DA-200	D2250, D2250SS	1.0	0.5	6x6x4	152x152x102
DB-200	D2249, D2249SS	3.0	1.4	6x6x4	152x152x102
DC-200	D2235, D2235SS	4.0	1.8	12x10x6	305x254x152

LEVEL AND SUPPORT DEVICE

Part No.	For Chain Clamp	Shipping Weight		Shipping Dimensions	
		lbs	kg	in	mm
DA-400S	D2250,D2250SS	2.0	0.9	6x6x4	152x152x102
DB-400S	D2249,D2249SS	5.0	2.3	6x6x4	152x152x102
DC-400	D2235 Series (Carbon Steel)	14.0	6.3	12x10x6	305x254x152
DC-400S	D2235SS Series (Stainless Steel)	14.0	6.3	12x10x6	305x254x152

CHAIN (PRICE PER FOOT)

Part No.	For Chain Clamp	Shipping Weight		Shipping Dimensions	
		lbs	kg	in	mm
DA-300	D2250	1.0	0.5	6x6x4	152x152x102
DA-300S	D2250SS	1.0	0.5	6x6x4	152x152x102
DB-300	D2249	2.0	0.9	12x10x6	305x254x152
DB-300S	D2249SS	2.0	0.9	12x10x6	305x254x152
DC-300	D2235 Series (Carbon Steel)	4.0	1.8	12x10x8	305x254x203
DC-300S	D2235SS Series (Stainless Steel)	4.0	1.8	12x10x8	305x254x203

CONNECTING LINK

Part No.	For Chain Clamp	Shipping Weight		Shipping Dimensions	
		lbs	kg	in	mm
DA-301	D2250, D2250SS	0.1	0.0	6x6x4	152x152x102
DB-301	D2249	0.1	0.0	6x6x4	152x152x102
DB-301S	D2249SS	0.1	0.0	6x6x4	152x152x102
DC-301	D2235 Series (Carbon Steel)	0.3	0.1	6x6x4	152x152x102
DC-301S	D2235SS Series (Stainless Steel)	0.3	0.1	6x6x4	152x152x102

CHAIN CLAMP STORAGE BOXES

Part No.	For Clamp Models	Shipping Weight		Shipping Dimensions	
		lbs	kg	in	mm
D862	D2235	26.0	11.7	29x10x14	773x254x349
D864	D2250, D2249	8.0	3.6	22x8.5x9	559x216x222

Small Diameter Clamps

Mini-Fit Chain Clamps

- Easy to carry and handle
- Covers all pipe diameters from 3/4" to 8" (19 mm to 203 mm) with one clamp
- 3 Jackscrews help ensure perfect alignment on small diameter pipe and fittings
- Align pipe to Schedule 40, reform pipe to Schedule 10
- Constructed with the same materials and methods as our larger heavy-duty Chain Clamps

MINI-FIT CLAMPS					
Model Part No.	Pipe Size Range (in/mm)	Shipping Weight		Shipping Dimensions	
		lbs	kg	in	mm
D230	3/4 - 8 / 19-203	7	3.2	8x10x12	203x254x305
D230SS	3/4 - 8 / 19-203	7	3.2	8x10x12	203x254x305

MINI-FIT CLAMP ASSESSORIES					
Model Part No.	Description	Shipping Weight		Shipping Dimensions	
		lbs	kg	in	mm
DXL-524	Main Block	1.3	0.6	6x6x4	152x152x102
DXL-524S	Main Block Stainless	1.3	0.6	6x6x4	152x152x102
DXL-523	Jackbar	1.0	0.5	6x6x4	152x152x102
DXL-523S	Jackbar Stainless	1.0	0.5	6x6x4	152x152x102
DXL-525	Jackscrew Brass	0.4	0.2	6x6x4	152x152x102
DXL-525S	Jackscrew Stainless	0.4	0.2	6x6x4	152x152x102
DXL-200	Fine Adjustment	1.6	0.7	6x6x4	152x152x102
DA-300	Nickel Plated Roller Chain	0.8	0.4	6x6x4	152x152x102
DA-300S	Stainless Roller Chain	0.9	0.4	6x6x4	152x152x102

Mini-Fit Chain Clamps include:

- Double-row chain (nickle plated carbon or stainless steel)
- Single Screw Jackbars listed for the pipe diameter
- Main Block Jackbar
- Parts and Operating Manual

Quik-Fit Clamps

- Built for years of reliable service
- Easy to use in overhead work
- 3 Clamps cover 1"-14" (25-356mm) pipe
- Smooth, quick action for rapid fit-ups

QUIK FIT CLAMPS					
Model Part No.	Pipe Size Range (in/mm)	Shipping Weight		Shipping Dimensions	
		lbs	kg	in	mm
QFC-12	1 - 2.5 / 25-64	4	1.8	8x5x3	203x127x76
QFC-26	2 - 6 / 50-150	11	5	14x10x4	356x254x102
QFC-512	5 - 14 / 127-356	18	8.2	22x14x6	559x356x153
QFC-KIT, (1 each above)	1 - 14 / 2.5-356	25	11.34	11X12X18	279x305x457

Hold Down Clamps

- Mathey Dearman Hold Down Clamps safely secure the pipe to a jackstand or table for the fit-up of tees, elbows, flanges and other fittings.
- Hold Down Clamps can also be used in conjunction with the Level and Support Device to hold pipes or fittings in place during alignment and welding.
- Lightweight and easy to install,

HOLD DOWN CLAMP						
Model Part No.	Description	Pipe Size Range (in/mm)	Shipping Weight		Shipping Dimensions	
			lbs	kg	in	mm
D244	Hold Down Clamp, 3/16" Chain	2 - 16/51-406	5	2.3	12x10x6	305x254x152
D245	Hold Down Clamp, 1/4" Chain	10-48/254-1219	15	6.8	8x10x12	203x254x305

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Dearman Hydraulic Sleeve Clamps

- No unstable bottle jacks to suddenly slip and disengage
- Equal clamping force provides better fit-up
- Engineered to be installed by one person
- Fits a wide range of pipe sizes and sleeve thicknesses
- Rugged corrosion-resistant construction for years of use

DOUBLE CHAIN CLAMPS							
Model Part No.	Pipe Size Range in (mm)	Clamping Pressure	Chain	Weight – Sleeve Clamp Only	Shipping Weight	Shipping Dimensions	
						in	mm
DB-724	6 - 24 (152 – 610)	5,000 PSI	DB-300	31 lbs / 14 kg	76 lbs / 34 kg	30x10x15	762x254x381
DB-748	6 – 48 (152 – 1219)	5,000 PSI	DB-300	48 lbs / 22 kg	93 lbs / 42 kg	30x10x15	762x254x381
DC-724	6 -24 (152 – 610)	10,000 PSI	DC-300	50 lbs / 23 kg	94 lbs/ 43 kg	30x10x15	762x254x381
DC-748	6 – 48 (152 – 1219)	10,000 PSI	DC-300	81 lbs / 37 kg	125 lbs/ 57 kg	30x10x15	762x254x381
DOUBLE CHAIN CLAMPS WITH GAUGES							
DB-724-G	6 - 24 (152 – 610)	5,000 PSI	DB-300	31 lbs / 14 kg	76 lbs / 34 kg	30x10x15	762x254x381
DB-748-G	6 – 48 (152 – 1219)	5,000 PSI	DB-300	48 lbs / 22 kg	93 lbs / 42 kg	30x10x15	762x254x381
DC-724-G	6 -24 (152 – 610)	10,000 PSI	DC-300	50 lbs / 23 kg	94 lbs/ 43 kg	30x10x15	762x254x381
DC-748-G	6 – 48 (152 – 1219)	10,000 PSI	DC-300	81 lbs / 37 kg	125 lbs/ 57 kg	30x10x15	762x254x381

DEARMAN HYDRAULIC SLEEVE CLAMP RECOMMENDED APPLICATION

Sleeve Tensile Strength	Sleeve Wall Thickness	Pipe Diameter & Material 6-12" (152 - 305 mm) CS	12-18" (305 - 457 mm) CS	18-24" (457 - 610 mm) CS	24-48" (610 - 1219 mm) CS
36,000 PSI	3/16"	DB-724	DB-724	DB-724	DB-748
	1/4"	DB-724	DB-724	DB-724	DB-748
	5/16"	DB-724	DB-724	DB-724	DB-748
	3/8"	DB-724	DB-724	DB-724	DB-748
	1/2"	DB-724	DB-724	DC-724	DC-748
	5/8"	DC-724	DC-724	DC-724	DC-748
	3/4"	DC-724	DC-724	DC-724	DC-748
50,000 PSI	3/16"	DB-724	DB-724	DB-724	DB-748
	1/4"	DB-724	DB-724	DB-724	DB-748
	5/16"	DC-724	DC-724	DC-724	DC-748
	3/8"	DC-724	DC-724	DC-724	DC-748
	1/2"	DC-724	DC-724	DC-724	DC-748
	5/8"	DC-724	DC-724	DC-724	DC-748
	3/4"	DC-724	DC-724	DC-724	DC-748
70,000 PSI	3/16"	DC-724	DC-724	DC-724	DC-748
	1/4"	DC-724	DC-724	DC-724	DC-748
	5/16"	DC-724	DC-724	DC-748	DC-748
	3/8"	DC-724	DC-724	DC-748	DC-748
	1/2"	DC-724	DC-724	DC-748	DC-748
	5/8"	DC-724	DC-724	DC-748	DC-748
	3/4"	DC-724	DC-724	DC-748	DC-748

All Sleeve Clamps Include:

- Nickel plated carbon steel duplex roller chain (DB models) or Nickel plated carbon steel leaf chain (DC models) for pipe size range
- High strength stainless steel Main Block with hydraulic cylinder
- 2-Speed hand operated hydraulic pump
- Heavy duty transportation and storage box
- Parts and Operating Manual

WARNING: THE SLEEVE CLAMP SHOULD NEVER BE USED AS THE SOLE SUPPORT FOR THE PIPE OR TO LIFT THE PIPE. DO NOT EXCEED PIPE SIZE RANGE LISTED OR USE ANY TYPE OF CHAIN OTHER THAN SUPPLIED WITHOUT FIRST CONTACTING THE MATHEY DEARMAN SALES DEPARTMENT. USE OF CHAIN NOT SUPPLIED WITH THE CLAMP BY MATHEY DEARMAN WILL VOID THE CLAMP WARRANTY.