


| PARTS LIST | | | | | | | |
|------------|----------|-----|----------------------------|------------------------------------|------------|---|-------|
| POS. | POS. OLD | QTY | PART NAME | FILE NAME | PART TYPE | SPECIFICATION | SHEET |
| A1 | | 1 | PIPE BENDING MACHINE | PIPE BENDING MACHINE.iam | | | 1 |
| A2 | | 1 | PIPE BENDING MACHINE | PIPE BENDING MACHINE.iam | | | 2 |
| B1 | | 1 | PARTS LITS | PARTS LITS PIPEBENDING MACHINE.iam | | | 3 |
| 1 | | 1 | SUB-PIPE BENDING MACHINE 1 | SUB-PIPE BENDING MACHINE 1.iam | | | 4 |
| 1.1 | 1 | 1 | FRAME | FRAME.ipt | Production | STEEL A36 | 5 |
| 1.2 | 4 | 1 | MAIN PIN | MAIN PIN.ipt | Production | STEEL C45 | 6 |
| 1.3 | 2 | 1 | STIFFENER | STIFFENER.ipt | Production | STEEL C45 | 7 |
| 1.4 | 3 | 1 | FORMER STOP | FORMER STOP.ipt | Production | STEEL C45 | 8 |
| 1.5 | | 2 | Pin - Cotter | | Standard | SAE J487a - 3/32 x 1 Extended Prong Square Cut Type | |
| 2 | | 1 | SUB-PIPE BENDING MACHINE 2 | SUB-PIPE BENDING MACHINE 2.iam | | | 9 |
| 2.1 | 9 | 1 | FOOT | FOOT.ipt | Production | STEEL A36 | 10 |
| 2.2 | 6 | 1 | SUPPORT LEG | SUPPORT LEG.ipt | Production | STEEL A36 | 11 |
| 2.3 | 5 | 1 | MAIN LEG | MAIN LEG.ipt | Production | STEEL A36 | 12 |
| 2.4 | | 1 | Metric Formed Hex Screw | | Standard | ANSI B18.2.3.2M - M10 x 1,5 | |
| 2.5 | | 6 | Hex Jam Nut | | Standard | ANSI B18.2.4.5M - M10 x 1.5 | |
| 3 | | 1 | SUB-PIPE BENDING MACHINE 3 | SUB-PIPE BENDING MACHINE 3.iam | | | 13 |
| 3.1 | 18 | 1 | HANDLE | HANDLE.ipt | Production | STEEL A36 | 14 |
| 3.2 | 21 | 1 | FORMER SPACER | FORMER SPACER.ipt | Production | STEEL C45 | 15 |
| 3.3 | 19 | 1 | HANDLE ARM | HANDLE ARM.ipt | Production | STEEL C45 | 16 |
| 3.4 | 20 | 1 | HANDLE SPACER | HANDLE SPACER.ipt | Production | STEEL C45 | 17 |
| 3.5 | 17 | 1 | ROLLER | ROLLER.ipt | Production | STEEL C45 | 18 |
| 4 | | 1 | SUB-PIPE BENDING MACHINE 4 | SUB-PIPE BENDING MACHINE 4.iam | | | 19 |
| 4.1 | 14 | 1 | ROLLER PIN | ROLLER PIN.ipt | Production | STEEL C45 | 20 |
| 4.2 | 15 | 1 | PIN HANDLE | PIN HANDLE.ipt | Production | STEEL C45 | 21 |
| 5 | | 1 | SUB-PIPE BENDING MACHINE 5 | SUB-PIPE BENDING MACHINE 5.iam | | | 22 |
| 5.1 | 10 | 1 | STOP TUBE | STOP TUBE.ipt | Production | STEEL A36 | 23 |
| 5.2 | 11 | 1 | STOP ANGLE | STOP ANGLE.ipt | Production | STEEL A36 | 24 |
| 6 | | 1 | SUB-PIPE BENDING MACHINE 6 | SUB-PIPE BENDING MACHINE 6.iam | | | 25 |
| 6.1 | 12 | 1 | GUIDE ANGLE | GUIDE ANGLE.ipt | Production | STEEL A36 | 26 |
| 6.2 | 13 | 1 | GUIDE BASE | GUIDE BASE.ipt | Production | STEEL C45 | 27 |
| 7 | | 1 | SUB-PIPE BENDING MACHINE 7 | SUB-PIPE BENDING MACHINE 7.iam | | | 28 |
| 7.1 | 23 | 1 | FORMER BASE | FORMER BASE.ipt | Production | STEEL C45 | 29 |
| 7.2 | 24 | 2 | FORMER SIDE | FORMER SIDE.ipt | Production | STEEL C45 | 30 |
| 7.3 | 25 | 1 | SPACER TUBE | SPACER TUBE.ipt | Production | STEEL C45 | 31 |
| 7.4 | 22 | 1 | PIN LINK | PIN LINK.ipt | Production | STEEL C45 | 32 |
| 7.5 | | 5 | Hex Bolt | | Standard | ANSI B18.2.3.5M - M10 x 1,5 x 45 | |

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| PROJECT PIPE BENDING MCHINE | | CREATED BY A. PARDO | | APPROVED BY D. Jaeger | |
| PART NAME PIPE BENDING MACHINE | | PART CODE B1 | | DOCUMENT TYPE PART LIST | |
|  OPEN HARDWARE OBSERVATORY Free Blueprints for Sustainable Development | | LICENSE CC-BY-SA 4.0 | | FILE NAME parts list pipe binding machine.iam | |
| | | SCALE 1 / 20 | | VERSION 1.0 | |
| | | SHEET 3 | | QUANTITY 1 | |
| | | DATE 29/10/2020 | | | |