

USED TIG WELDED PIPE PRODUCTION LINES (TUBE MILL)

round and square TIG welded pipes

year of manufacturing: 2000.

origin: South Korea

manufacturers: Korea Maker Woo-Sung Machinery Corp.

Cho-Myung Machinery Corp

in excellent condition, totally renewed in 2009.

it is used for production of stainless steel pipes

at the moment not under power (disassembled and stored properly)

ROUND PIPES

- production line 1, diameter 12,8 - 25,4mm (with rolls for pipes 12,8 and 19,1mm)
- production line 2, diameter 12,8 - 25,4mm (with rolls for pipe 25,4mm)
- production line 3, diameter 12,8 - 26,9mm (with rolls for pipe 26,9mm)
- production line 4, diameter 31,8 - 38,1mm (with rolls for pipes 31,8mm, 34,0 and 38,1mm)
- production line 5, diameter 50,8 - 76,3mm (with rolls for pipe 50,8mm)
- production line 6, diameter 50,8 - 76,3mm (with rolls for pipes 63,5 and 76,3mm)
- production line 7, diameter 96,0 - 150,4mm (with rolls for pipes 101,6mm)

SQUARE PIPES

- pipe production line, dimension 15x15 – 100x50mm
- pipe production line, dimension up to 40x40mm

POLISHING

- polishing line, diameter 12,7 - 38,1mm
- polishing line, diameter 38,1 - 63,5mm
- polishing line, diameter 76,3 - 150,4mm

CALIBRATION

- calibration line, diameter 12,7 - 38,1mm
- calibration line, diameter 38,1 - 63,5mm
- calibration line, diameter 76,3 - 150,4mm

ROUND TUBES

TUBE PRODUCTION LINE 1

Diameter: 12,8 - 25,4 (with rolls for pipes 12,8 and 19,1mm)

material thickness: 0.5 – 1.5 mm

length lines: 16 m

drive motor: 220/380V, 7,5kW ,60 Hz ,1740 rpm + Gear with 5 gears

transmission: PTO drive shaft and screw

number and diameter of the rollers:

- horizontally 13x2 diameter 110 mm
- vertical 9x2 diameter 125 mm

abrasive (bend) station: 2 pcs/ machine

- Abrading 1. grain 100

- Abrading 2. grain 120

belts tightening – pneumatics

belts rotation – engine :220/380V, 2,2kW ,60 Hz ,1720 rpm

abrasive (ring) station :1 pcs/ machine

- Abrading 1. grain 240

rings turning – engine :220/380V, 1,5kW ,60 Hz ,1710 rpm

Machine additional parts : sheet metal speed variator-manual

rollers tightening and adjustment-manual

lubricating and cooling with emulsion

pump for emulsion: 220V, 1,5 kW ,60 Hz ,1710 rpm

- machine for tube cutting (with 3 knives) 1.

cutting: pneumatic pressure of the knives

knives rotation- engine: 220/380V, 1,5kW ,60 Hz ,780 rpm

cutting path : 1000 mm

cat details: 1m min to 8m max tube length

control unit : turn on and turn off switches

work options: automatic and manual

tubes dialer and tubes ejection regulation

- tube ejection table 1.

operation : pneumatic ejection and transportation by line - engine : 220/380V, 0,4kW, 60 Hz ,1730 rpm

length : 7 m

-rewinder machine 1 : 2 strips diameter min 500 mm max 1400 mm

tightening : manual

TUBE PRODUCTION LINE 2

Diameter: 12,8 - 25,4 (with rolls for pipe 25,4mm)

material thickness: 0.5 – 2,0 mm

length lines : 16 m

drive motor : 220/380V, 7,5kW ,60 Hz ,1740 rpm + Gear with 5 gears

transmission : PTO drive shaft and screw

number and diameter of the rollers: horizontally 13x2 diameter 110 mm

vertical 9x2 diameter 125 mm

abrasive (bend) station: 2 pcs/ machine

- Abrading 1. grain 100

- Abrading 2. grain 120

belts tightening – pneumatics

belts rotation – engine:220/380V, 2,2kW ,60 Hz ,1720 rpm

abrasive (ring) station :1 pcs/ machine

- Abrading 1. grain 240

rings rotation – engine:220/380V, 1,5kW ,60 Hz ,1710 rpm

Machine additional parts : sheet metal speed variator-manual

rollers tightening and adjustment-manual

lubricating and cooling with emulsion

pump for emulsion: 220V, 1,5 kW ,60 Hz ,1710 rpm

- machine for tube cutting (with 3 knives) 2.

cutting: pneumatic pressure of the knives

knives rotation- engine: 220/380V, 1,5kW ,60 Hz ,780 rpm

cutting path: 1000 mm

cat details: 1m min to 8m max tube length

control unit : turn on and turn off switches

work options: automatic and manual

tubes dialer and tubes ejection regulation

- tube ejection table 2.

operation : pneumatic ejection and transportation by line - engine: 220/380V, 0,4kW ,60 Hz ,1730 rpm

length: 7 m

- rewinder machine 2 : 2 strips diameter min 500 mm max 1400 mm

tightening : manual

TUBE PRODUCTION LINE 3

Diameter: 12,8 - 26,9 (with rolls for pipe 26,9mm)

material thickness: 0.5 – 2,0 mm

length lines : 16 m

drive motor : 220/380V, 7,5kW ,60 Hz ,1740 rpm + Gear with 5 gears

transmission : PTO drive shaft and screw

number and diameter of the rollers: horizontally 13x2 diameter 110 mm

vertical 9x2 diameter 125 mm

abrasive (bend) station: 2 pcs/ machine

- Abrading 1. grain 100

- Abrading 2. grain 120

belts tightening – pneumatics

belts rotation – engine:220/380V, 2,2kW ,60 Hz ,1720 rpm

abrasive (ring) station:1 pcs/ machine

- Abrading 1. grain 240

rings rotation – engine:220/380V, 1,5kW ,60 Hz ,1710 rpm

Machine additional parts : sheet metal speed variator-manual

rollers tightening and adjustment-manual

lubricating and cooling with emulsion

pump for emulsion: 220V, 1,5 kW ,60 Hz ,1710 rpm

- machine for tube cutting (with 3 knives) 3.

cutting: pneumatic pressure of the knives

knives turning- engine: 220/380V, 1,5kW ,60 Hz ,780 rpm

cutting path: 1000 mm

cat details: 1m min to 8m max tube length

control unit : turn on and turn off switches

work options: automatic and manual

tubes dialer and tubes ejection regulation

- tube ejection table 3.

operation : pneumatic ejection and transportation by line - engine: 220/380V, 0,4kW ,60 Hz ,1730 rpm

length : 7 m

- rewinder machine 3 : 2 strips diameter min 500 mm max 1400 mm

tightening : manual

TUBE PRODUCTION LINE 4

Diameter: 31,8 - 38,1 (with rolls for pipes 31,8, 34,0 and 38,1mm)

material thickness: 0.5 – 2,0 mm

length lines : 20 m

drive motor : 220/380V, 15kW ,60 Hz ,1750 rpm + Gear with 5 gears

transmission : PTO drive shaft and screw

number and diameter of the rollers: horizontally 13x2 diameter 130 mm

vertical 9x2 diameter 145 mm

abrasive (bend) station: 2 pcs/ machine

- Abrading 1. grain 100

- Abrading 2. grain 120

belts tightening – pneumatics

belts rotation – engine:220/380V, 2,2kW ,60 Hz ,1720 rpm

abrasive (ring) station :1 pcs/ machine

- Abrading 1. grain 240

rings rotation – engine:220/380V, 1,5kW ,60 Hz ,1710 rpm

Machine additional parts : sheet metal speed variator-manual

rollers tightening and adjustment-manual

lubricating and cooling with emulsion

pump for emulsion: 220V, 1,5 kW ,60 Hz ,1710 rpm

- machine for tube cutting (circular saw) 4.

cutting: hydraulic pressure circular saws

tightening: hydraulic

saws movement: pneumatics

circular saw rotation- engine: 220/380V, 1,5kW ,60 Hz ,1680 rpm

saw diameter : 300 mm

cutting path : 2000 mm

cat details: 3m min to 9m max tube length

control unit : turn on and turn off switches

work options: automatic and manual

tubes ejection regulation

additional tank and pump for hydraulic

saw cooling with emulsion

- tube ejection table 4.

operation : pneumatic ejection and transportation by line - engine: 220/380V, 0,4kW ,60 Hz ,1730 rpm

length : 7 m

- rewinder machine 4 : 2 strips diameter min 500 mm max 1200 mm

tightening : manual

TUBE PRODUCTION LINE 5

Diameter: 50,8 - 76,3 (with rolls for pipe 50,8mm)

material thickness: 0.5 – 2,5 mm

length lines : 24 m

drive motor : 220/380V, 15kW ,60 Hz ,1500 rpm + Gear with 3 gears

transmission : PTO drive shaft and screw

number and diameter of the rollers: horizontally 15x2 diameter 155 mm

vertical 9x2 diameter 190 mm

abrasive (bend) station: 2 pcs/ machine

- Abrading 1. grain 100

- Abrading 2. grain 120

belts tightening – pneumatics

belts rotation – engine:220/380V, 2,2kW ,60 Hz ,1720 rpm

abrasive (ring) station: 1 pcs/ machine

- Abrading 1. grain 240

rings rotation – engine:220/380V, 1,5kW ,60 Hz ,1710 rpm

Machine additional parts : sheet metal speed variator-manual

rollers tightening and adjustment-manual

lubricating and cooling with emulsion

pump for emulsion: 220V, 1,5 kW ,60 Hz ,1710 rpm

- machine for tube cutting (circular saw) 5.

cutting: hydraulic pressure circular saws

tightening: hydraulic

saws movement: pneumatics

circular saw rotation- engine: 220/380V, 1,5kW ,60 Hz ,1680 rpm

saw diameter: 350 mm

cutting path: 2200 mm

cat details: 3m min to 9m max tube length

control unit : turn on and turn off switches

work options: automatic and manual

tubes ejection regulation

additional tank and pump for hydraulic

saw cooling with emulsion

- tube ejection table 5.

operation : pneumatic ejection and transportation by line- gearmotor:

220/380V,0,75kW,60 Hz,1670 rpm

length : 6 m

- rewinder machine 5 : 2 strips diameter min 500 mm max 1500 mm

tightening : manual

TUBE PRODUCTION LINE 6

Diameter: 50,8 - 76,3 (with rolls for pipes 63,5 and 76,3mm)

material thickness: 0.5 – 2,5 mm

length lines : 24 m

drive motor : 220/380V, 15kW ,60 Hz ,1500 rpm + Gear with 3 gears

transmission : PTO drive shaft and screw

number and diameter of the rollers: horizontally 15x2 diameter 155 mm

vertical 9x2 diameter 190 mm

abrasive (bend) station: 2 pcs/ machine

- Abrading 1. grain 100

- Abrading 2. grain 120

belts tightening – pneumatics

belts rotation – engine:220/380V, 2,2kW ,60 Hz ,1720 rpm

abrasive (ring) station :1 pcs/ machine

- Abrading 1. grain 240

rings rotation – engine:220/380V, 1,5kW ,60 Hz ,1710 rpm

Machine additional parts : sheet metal speed variator-manual

rollers tightening and adjustment-manual

lubricating and cooling with emulsion

pump for emulsion: 220V, 1,5 kW ,60 Hz ,1710 rpm

- machine for tube cutting (circular saw) 6.

cutting: hydraulic pressure circular saws

tightening: hydraulic

saws movement: pneumatics

circular saw rotation- engine: 220/380V, 1,5kW ,60 Hz ,1680 rpm

saw diameter: 350 mm

cutting path: 2200 mm

cat details: 3m min to 9m max tube lenght

control unit : turn on and turn off switches

work options: automatic and manual

tubes ejection regulation

additional tank and pump for hydraulic

saw cooling with emulsion

- tube ejection table 6.

operation : pneumatic ejection and transportation by line- gearmotor:

220/380V,0,75kW,60 Hz,1670 rpm

length : 6 m

- rewinder machine 6 : 2 strips diameter min 500 mm max 1500 mm

tightening : manual

TUBE PRODUCTION LINE 7

Diameter: 96,0 - 150,4 (with rolls for pipes 101,6mm)

material thickness: 0.5 – 3,0 mm

length lines : 26 m

drive motor : 220/380V, 22kW ,60 Hz ,1770 rpm + Gear with 3 gears

transmission : PTO drive shaft and screw

number and diameter of the rollers: horizontally 14x2 diameter 200 mm

vertical 10x2 diameter 200 mm

abrasive (bend) station: 2 pcs/ machine

- Abrading 1. grain 100

- Abrading 2. grain 120

belts tightening – pneumatics

belts rotation – engine:220/380V, 2,2kW ,60 Hz ,1720 rpm

abrasive (ring) station :1 pcs/ machine

- Abrading 1. grain 240

rings rotation – engine:220/380V, 1,5kW ,60 Hz ,1710 rpm

Machine additional parts : sheet metal speed variator-manual

rollers tightening and adjustment-manual

lubricating and cooling with emulsion

pump for emulsion: 220V, 1,5 kW ,60 Hz ,1710 rpm

- machine for tube cutting (circular saw) 7.

cutting: hydraulic pressure circular saws

tightening: hydraulic

saws movement: pneumatics

circular saw rotation- engine: 220/380V, 1,5kW ,60 Hz ,1680 rpm

saw diameter: 380 mm

cutting path: 3200 mm

cut details: 3m min to 9m max tube length

control unit : turn on and turn off switches

work options: automatic and manual

tubes ejection regulation

additional tank and pump for hydraulic

saw cooling with emulsion

- tube ejection table 7.

operation : pneumatic ejection and transportation by line- gearmotor:

220/380V,0,75kW,60 Hz,1670 rpm

length : 7 m

- rewinder machine 7 : 1 strips diameter min 500 mm max 1900 mm

tightening : hydraulic

rewinder machine rotation- engine : 220/380V,1,5kW,60 Hz,1720 rpm

SQUARE TUBES

TUBE PRODUCTION LINE 1

Dimension: 15x15 - 100x50mm - 1 pc

length lines : 13 m

drive motor : 220/380V, 20kW, 60 Hz, 1750 rpm

transmission : PTO drive shaft

number of the rollers:

horizontally 5x2

vertical 4x2

Machine additional parts:

sheet metal speed variator-manual

rollers tightening and adjustment-manual

TUBE PRODUCTION LINE 2

Dimension: 20x20 - 40x40mm - 1 pc

length lines : 14 m

drive motor : 220/380V, 7,5kW, 60 Hz, 400 rpm

transmission : PTO drive shaft

number of the roller:

horizontally 6x2

vertical 5x2

Machine additional parts:

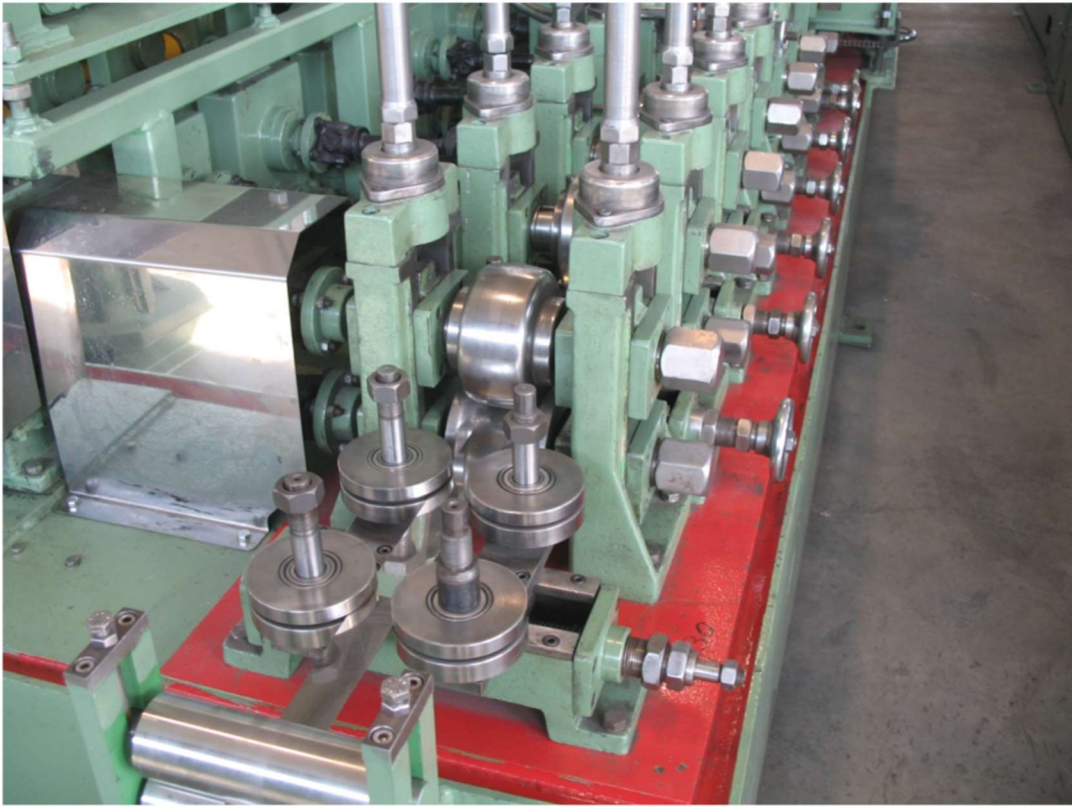
sheet metal speed variator-manual

rollers tightening and adjustment-manual



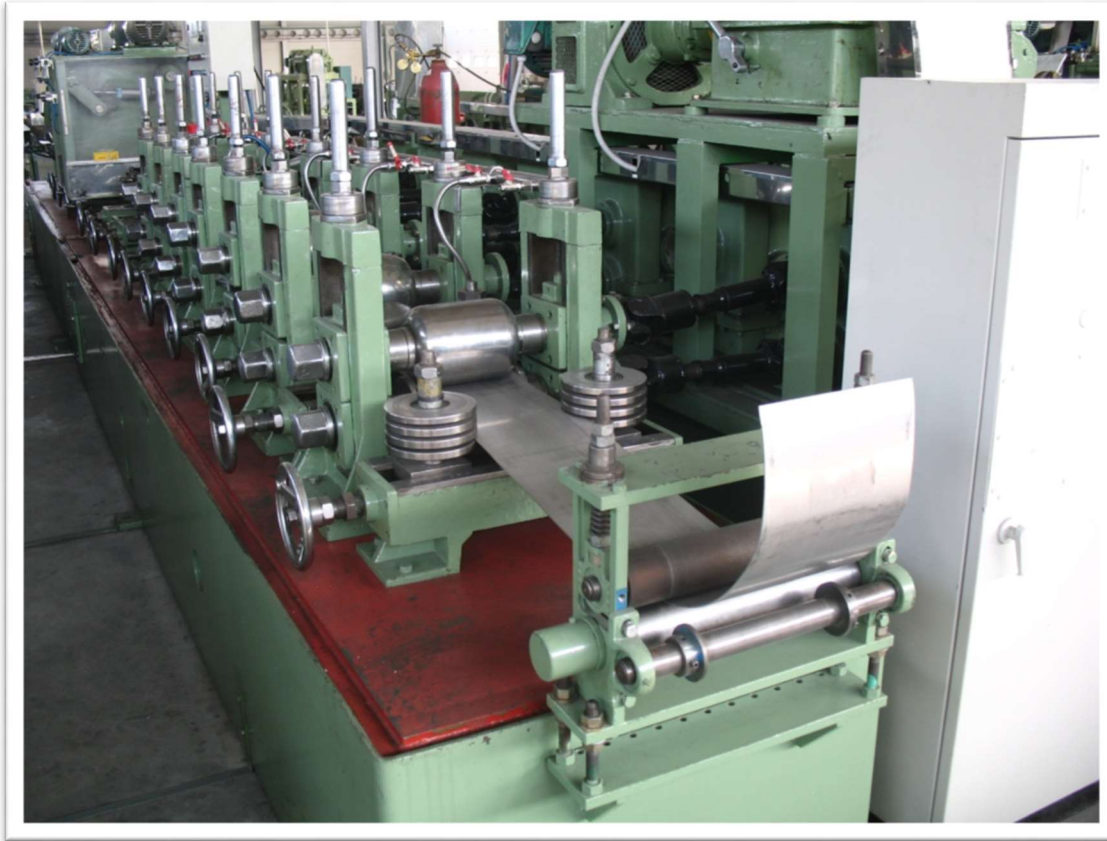














POLISHING

POLISHING LINE 1

diameter 12,7 - 38,1mm

length lines : 16 m

transmission : PTO drive shaft

ring pressure : pneumatics

ring operation- engine: 220/380V, 3,7kW ,60 Hz ,1720 rpm (each ring has an engine)

rotating roller operation : gearmotor 7 pcs/machine

Machine has a 6 rings: 3 for abrading and 3 for polishing

POLISHING LINE 2

diameter 38,1 - 63,5mm

length lines : 17 m

transmission : belt

ring pressure : pneumatics

ring operation- engine: 220/380V, 3,7kW ,60 Hz ,1720 rpm (each ring has an engine)

rotating roller operation : gearmotor 8 pcs/machine

Machine has a 7 rings : 4 abrading and 3 for polishing

POLISHING LINE 3

diameter 76,3 - 150,4mm

length lines : 17 m

transmission : belt

ring pressure : pneumatics

ring operation- engine: 220/380V, 7,5kW ,60 Hz ,1720 rpm (each ring has an engine)

rotating roller operation: gearmotor 8 pcs/machine

Machine has a 7 rings: 4 abrading and 3 for polishing







CALIBRATION

CALIBRATION LINE 1

diameter 12,7 - 38,1mm

length lines : 10 m

drive motor : 2 motora 220/380V, 3,7kW ,60 Hz ,1740 rpm

transmission : PTO drive shaft

adjustment : manual

CALIBRATION LINE 2

diameter 38,1 - 63,5mm

length lines : 12 m

drive motor : 2 motora 220/380V, 7,5kW ,60 Hz ,1740 rpm

transmission : PTO drive shaft

adjustment : motor

CALIBRATION LINE 3

diameter 76,3 - 150,4mm

length lines : 13 m

drive motor : 2 motora 220/380V, 11kW, 60 Hz, 1720 rpm

transmission : PTO drive shaft

adjustment : motor



