Machine Model: CM-32

Technical Specifications:
- Pipe bending machine with gear system
- Maximum bending capacity 32x2 mm diameter
- Eccentric clamp
- Support roller
- Electric motor driven
- Precise bending with brake motor
- External brake lining cooling fan
- Max. 190 bending angle
- Motor power 2.2 kW
- Mandrel length 1650 mm.
- Electrical panel safety lock and panel lock with key
- Two years guarantee; technical service and training confidence by CANSA MAKİNA
- Suitable for CE

Video Link

Machine Model: CM-32S

Touch screen system

Video Link
**Machine Model: CM-51**

Technical Specifications:
- Pipe bending machine with gear system
- Maximum bending capacity 51X3 mm diameter
- Eccentric clamp
- Eccentric support
- Electric motor driven
- Precise bending with brake motor
- External brake lining cooling fan
- Motor power 5.5 kW
- Max. 190 bending angle
- Mandrel length 3100 mm.
- Electrical panel safety lock and panel lock with key
- Two years guarantee; technical service and training conﬁdency by CANSA MAKINA
- Suitable for CE

**Machine Model: CM-76**

Technical Specifications:
- Pipe bending machine with gear system
- Maximum bending capacity 76X3 mm diameter
- Eccentric clamp
- Eccentric support
- Electric motor driven
- Precise bending with brake motor
- External brake lining cooling fan
- Motor power 7.5 kW
- Max. 190 bending angle
- Mandrel length 3150 mm.
- Electrical panel safety lock and panel lock with key
- Two years guarantee; technical service and training conﬁdency by CANSA MAKINA
- Suitable for CE
Machine Model: CMH-32 With Button and Screen

- The specifications of CMH 32 with button plus
- Ability to bend different bending degrees in succession and to record the name of the models on the memory

- Mandrel piston move back and forth after bending. In this way, the pipe can be easily removed from the mandrel.
- Hydraulic clamp prevents pipe to slip, thus you can get better quality of bending.
- 4,3” color touch screen
- Manual or automatic operation on the screen
- Ability to see daily / total amount of production on the screen
- Ability to record 100 different programmes

Technical Specifications:
- NC system pipe bending machine with gear system
- Maximum bending capacity 32X2 mm diameter
- Hydraulic clamp
- Hydraulic mandrel
- Max. 190 bending angle
- Bending degree with switch
- Electric motor driven
- Precise bending with brake motor
- External brake lining cooling fan
- Manual or automatic operation with the button
- Foot pedal control
- Safety plate with pro-switch
- Mandrel length 2000 mm.
- Max. hydraulic pressure 120 bar
- Total motor power 4.4 kW
- Electrical panel safety lock and panel lock with key
- Two years guarantee; technical service and training confidency by CANSA MAKİNA
- Suitable for CE
Machine Model: CMH-32 With Screen and Support

- The specifications of CMH 32 with screen plus
- Less waste because of hydraulic support system
- The piston of support opens back, so that the pipe can be easily placed into the mandrel

Video Link

Options hydraulic pressure die

Technical Specifications:

- NC system pipe bending machine with gear system
- Maximum bending capacity 32X2 mm diameter
- Hydraulic clamp
- Hydraulic mandrel
- Hydraulic support
- Max. 190 bending angle
- Bending degree with encoder
- Electric motor driven
- Precise bending with brake motor
- External brake lining cooling fan
- 4.3” color touch screen
- Manual or automatic operation on the screen
- Ability to see daily / total amount of production on the screen
- Ability to control the tightening times of moving parts and to hold the desired pressure on the screen
- To follow error messages on the screen and on the watch page
- Foot pedal or button control optionally
- Safety plate with pro-switch
- Ability to record 100 different programmes
- Mandrel length 2000 mm.
- Max. hydraulic pressure 120 bar
- Total motor power 4.4 kW
- Electrical panel safety lock and panel lock with key
- Two years guarantee; technical service and training confidency by CANSA MAKİNA
- Suitable for CE
Machine Model: NC CARRIAGE SYSTEM

Video Link

Technical Specifications:

- CMH32 in addition
- Ability to see the distance of pipe progress and rotation degree on the screen
Machine Model: CMH-42

Video Link

Options hydraulic pressure die

Technical Specifications:

- NC system pipe bending machine with gear system
- Maximum bending capacity 42X2 mm diameter
- Hydraulic clamp
- Hydraulic mandrel
- Hydraulic support
- Max. 190 bending angle
- Bending degree with encoder
- Electric motor driven
- Precise bending with brake motor
- External brake lining cooling fan
- 4.3” color touch screen
- Manual or automatic operation on the screen
- Ability to see daily / total amount of production on the screen
- Ability to control the tightening times of moving parts and to hold the desired pressure on the screen
- To follow error messages on the screen and on the watch page
- Foot pedal or button control optionally
- Safety plate with pro-switch
- Ability to record 100 different programmes
- Mandrel length 2600 mm.
- Max. hydraulic pressure 140 bar
- Total motor power 7 kW
- Electrical panel safety lock and panel lock with key
- Two years guarantee; technical service and training confidence by CANSA MAKINA
- Suitable for CE
Machine Model: CMH-51

Options hydraulic pressure die

Manufacture Of Canse Makina
Strong Gear System

Technical Specifications:

- NC system pipe bending machine with gear system
- Maximum bending capacity 51X3 mm diameter
- Hydraulic clamp
- Hydraulic mandrel
- Hydraulic support
- Max. 190 bending angle
- Bending degree with encoder
- Electric motor driven
- Precise bending with brake motor
- External brake lining cooling fan
- 7" color touch screen
- Manual or automatic operation on the screen
- Ability to see daily / total amount of production on the screen
- Ability to control the tightening times of moving parts and to hold the desired pressure on the screen
- To follow error messages on the screen and on the watch page
- Foot pedal or button control optionally
- Ability to record 1000 different programmes
- Mandrel length 3100 mm.
- Max. hydraulic pressure 140 bar
- Total motor power 11 kW
- Safety plate with pro-switch
- Supported bend arm and bottom arm
- Electrical panel safety lock and panel lock with key
- Two years guarantee; technical service and training confidence by Canse Makina
- Suitable for CE

Video Link

Coloured Touch Screen
Clamping piston on the bending arm even with the maximum radius.
Double oil filters; suction and return; oil pollution indicator
Stronger support group with four linear carriages
Job Safety Firstly!
You can not open the electrical panel before switch of
Safety plate / supported bend arm and bottom arm that prevent sagging over time
Machine Model: CMH-76

Manufacture Of Cansa Makina
Strong Gear System

Technical Specifications:

- NC system pipe bending machine with gear system
- Maximum bending capacity: 76X3 mm diameter
- Hydraulic clamp
- Hydraulic mandrel
- Hydraulic support
- Max. 190 bending angle
- Bending degree with encoder
- Electric motor driven
- Precise bending with brake motor
- External brake lining cooling fan
- 7" color touch screen
- Manual or automatic operation on the screen
- Ability to see daily / total amount of production on the screen
- Ability to control the tightening times of moving parts and to hold the desired pressure on the screen
- To follow error messages on the screen and on the watch page
- Foot pedal or button control optionally
- Ability to record 1000 different programmes
- Mandrel length: 3150 mm,
- Max. hydraulic pressure: 140 bar
- Total motor power: 13 kW
- Safety plate with pro-switch
- Supported bend arm and bottom arm
- Electrical panel safety lock and panel lock with key
- Two years guarantee; technical service and training confidence by Cansa Makina
- Suitable for CE
Machine Model: NC-76

Technical Specifications:

- NC system hydraulic pipe bending machine
- Maximum bending capacity 76X4 mm diameter
- Bending axis by hydraulic valves
- Hydraulic clamp
- Hydraulic pressure die
- Hydraulic mandrel
- Hydraulic support
- Hydraulic motor power 15 kW
- Hydraulic clamp system with bottom clamping
- Automatically activated hydraulic oil cooler and double fans
- Timed automatic lubrication for working components
- Automatic mandrel lubrication
- Max. 190 bending angle
- Bending degree with encoder
- 7”color touch screen
- Manual or automatic operation on the screen
- To see daily / total amount of production on the screen
- Security warning light
- To follow error messages on the screen and on the watch page
- Foot pedal or button control optionally
- Ability to record 1000 different programmes
- Mandrel length 4000 mm.
- Max. hydraulic pressure 210 bar
- Safety plate on the front and back of the bending head
- Supported bend arm and bottom arm
- Electrical panel safety lock and panel lock with key
- Two years guarantee; technical service and training confidency by CANSA MAKİNA
- Suitable for CE
Machine Model: NC-90 Booster

Technical Specifications:

- NC system hydraulic pipe bending machine
- Maximum bending capacity 90X5 mm diameter
- Bending axis by hydraulic valves
- Hydraulic booster
- Hydraulic clamp
- Hydraulic pressure die
- Hydraulic mandrel
- Hydraulic support
- Total motor power 28 kW
- Hydraulic clamp system with bottom clamping
- Automatically activated hydraulic oil cooler and double fans
- Timed automatic lubrication for working components
- Automatic mandrel lubrication
- Max. 190° bending angle
- Bending degree with encoder
- 7” color touch screen
- Manual or automatic operation on the screen
- To see daily / total amount of production on the screen
- Security warning light
- To follow error messages on the screen and on the watch page
- Foot pedal or button control optionally
- Ability to record 1000 different programmes
- Mandrel length 6000 mm.
- Max. hydraulic pressure 210 bar
- Safety plate on the front and back of the bending head
- Supported bend arm and bottom arm
- Electrical panel safety lock and panel lock with key
- Two years guarantee; technical service and training confidence by CANSA MAKİNA
- Suitable for CE
Machine Model: NC-114

Technical Specifications:
- NC system hydraulic pipe bending machine
- Maximum bending capacity 114X6 mm diameter
- Bending axis by hydraulic valves
- Hydraulic clamp
- Hydraulic pressure die
- Hydraulic mandrel
- Hydraulic support
- Total motor power 30 kW
- Hydraulic clamp system with bottom clamping
- Automatically activated hydraulic oil cooler and double fans
- Timed automatic lubrication for working components
- Automatic mandrel lubrication
- Max. 190 bending angle
- Bending degree with encoder
- 10" color touch screen
- To see daily / total amount of production on the screen
- Security warning light
- To follow error messages on the screen and on the watch page
- Foot pedal or button control optionally
- Ability to record 1000 different programmes
- Mandrel length 6000 mm.
- Max. hydraulic pressure 240 bar
- Safety plate on the front and back of the bending head
- Supported bend arm and bottom arm
- Electrical panel safety lock and panel lock with key
- Two years guarantee; technical service and training confidence by CANSA MAKİNA
- Suitable for CE
Machine Model: CNC38 R1

Technical Specifications:

- CNC tube bending machine
- PLC kontrol
- Maximum bending capacity 38X3 mm diameter
- Feeding axis by servo motor
- Rotation axis by servo motor
- Bending axis by hydraulic valves
- Hydraulic clamp
- Hydraulic pressure die
- Hydraulic mandrel
- Hydraulic support
- Hydraulic clow collet
- Hydraulic clamp system with bottom clamping
- Max. 190° bending angle
- Bending degree with encoder
- Automatic mandrel lubrication
- Timed automatic lubrication for working components
- Automatically activated hydraulic oil cooler and double fans
- 15” PC touch screen
- 3D simulation
- Manual, semi-automatic or automatic operation on the screen
- Working without mandrel
- To see daily / total amount of production on the screen
- To follow error messages on the screen and on the watch page
- Calculation of the length of tube or profile
- Foot pedal or button control optionally
- To record programmes on the memory
- Total motor power 18 kW
- Mandrel length 3250 mm.
- Max. hydraulic pressure 160 bar
- Security warning light
- Safety plate on the front and back of the bending head
- Supported bend arm and bottom arm
- Electrical panel safety lock and panel lock with key
- Two years guarantee; technical service and training confidence by Cansa Makina
- Suitable for CE

Video Link
Machine Model: CNC38 R3

Technical Specifications:

- CNC tube bending machine
- PLC control
- Maximum bending capacity 38X2 mm diameter.
- To make rolling (to bend a wide range of bending with roller)
- To work three different radius at the same time
- Bending axis by servo motor
- Feeding axis by servo motor
- Rotation axis by servo motor
- Mold axis by servo motor
- Hydraulic clamp
- Hydraulic pressure die
- Hydraulic mandrel
- Hydraulic support
- Hydraulic claw collet
- Hydraulic up-down movement
- Timed automatic lubrication for working components
- Automatic mandrel lubrication
- Max. 190° bending angle
- Bending degree with encoder
- Automatically activated hydraulic oil cooler and double fans
- 15° PC touch screen
- 3D simulation
- Manual, semi-automatic or automatic operation on the screen
- To see daily / total amount of production on the screen
- To follow error messages on the screen and on the watch page
- Calculation of the length of tube or profile
- Foot pedal or button control, optionally
- To record programmes on the memory
- Mandrel length 3500 mm.
- Max. hydraulic pressure 140 bar
- Total motor power 22 kW
- Security warning light
- Safety plate on the front and back of the bending head
- Supported bend arm and bottom arm
- Electrical panel safety lock and panel lock with key
- Two years guarantee; technical service and training confidence by CANSA MAKINA
- Suitable for CE
Machine Model: CNC51 R1

Technical Specifications:

- CNC tube bending machine
- PLC control
- Maximum bending capacity 51X3 mm diameter
- Feeding axis by servo motor
- Rotation axis by servo motor
- Bending axis by hydraulic valves
- Hydraulic clamp
- Hydraulic mandrel
- Hydraulic pressure die
- Hydraulic support
- Hydraulic collet
- Hydraulic clamp system with bottom clamping
- Max. 190 bending angle
- Bending degree with encoder
- Automatic mandrel lubrication
- Timed automatic lubrication for working components
- Automatically activated hydraulic oil cooler and double fans
- 15” PC touch screen
- 3D simulation
- Manual, semi-automatic or automatic operation on the screen
- Working without mandrel
- To see daily / total amount of production on the screen
- To follow error messages on the screen and on the watch page
- Calculation of the length of tube or profile
- Foot pedal or button control optionally
- To record programmes on the memory
- Total motor power 18 kW
- Mandrel length 3500 mm.
- Max. hydraulic pressure 160 bar
- Security warning light
- Safety plate on the front and back of the bending head
- Supported bend arm and bottom arm
- Electrical panel safety lock and panel lock with key
- Two years guarantee; technical service and training confidence by CANSA MAKİNA
- Suitable for CE
Machine Model: CNC60 R3 and CNC80 R3

Technical Specifications:

- CNC tube bending machine
- PLC control
- Maximum bending capacity 60X3 mm diameter OR CNC 80R3 - 80X3 mm
- To make rolling (to bend a wide range of bending with roller)
- To work three different radius at the same time
- Bending axis by servo motor
- Feeding axis by servo motor
- Rotation axis by servo motor
- Mold axis by servo motor
- Hydraulic clamp
- Hydraulic mandrel
- Hydraulic pressure die
- Hydraulic support
- Hydraulic claw collet
- Hydraulic up-down movement
- Max. 190 bending angle
- Bending degree with encoder
- Automatically activated hydraulic oil cooler and double fans
- Timed automatic lubrication for working components
- Automatic mandrel lubrication
- 15” PC touch screen
- 3D simulation
- Manual, semi-automatic or automatic operation on the screen
- To see daily / total amount of production on the screen
- To follow error messages on the screen and on the watch page
- Calculation of the length of tube or profile
- Foot pedal or button control optionally
- To record programmes on the memory
- Mandrel length 3900 mm.
- Max. hydraulic pressure 200 bar
- Total motor power 32 kW or 42 kW
- Safety warning light
- Safety plate on the front and back of the bending head
- Supported bend arm and bottom arm
- Electrical panel safety lock and panel lock with key
- Two years guarantee; technical service and training confidence by CANSA MAKINA
- Suitable for CE
Machine Model: CNC76 R1

Technical Specifications:

- CNC tube bending machine
- PLC control
- Maximum bending capacity 76X4 mm diameter
- Feeding axis by servo motor
- Rotation axis by servo motor
- Bending axis by hydraulic valves
- Hydraulic clamp
- Hydraulic mandrel
- Hydraulic pressure die
- Hydraulic support
- Hydraulic collet
- Timed automatic lubrication for working components
- Automatic mandrel lubrication
- Max. 190 bending angle
- Bending degree with encoder
- Hydraulic clamp system with bottom clamping
- Automatically activated hydraulic oil cooler and double fans
- 15” PC touch screen
- 3D simulation
- Manual, semi-automatic or automatic operation on the screen
- Working without mandrel
- To see daily / total amount of production on the screen
- To follow error messages on the screen and on the watch page
- Calculation of the length of tube or profile
- Foot pedal or button control optionally
- To record programmes on the memory
- Mandrel length 3700 mm.
- Max. hydraulic pressure 210 bar
- Total motor power 35 kW
- Security warning light
- Safety plate on the front and back of the bending head
- Supported bend arm and bottom arm
- Electrical panel safety lock and panel lock with key
- Two years guarantee; technical service and training confidency by CANSA MAKINA
- Suitable for CE
**Technical Specifications:**

- CNC tube bending machine
- PLC control
- Maximum bending capacity 114X6 mm diameter
- Feeding axis by servo motor
- Rotation axis by servo motor
- Bending axis by hydraulic valves
- Hydraulic clamp
- Hydraulic mandrel
- Hydraulic pressure die
- Hydraulic support
- Hydraulic clover collet
- Timed automatic lubrication for working components
- Automatic mandrel lubrication
- Max. 190 bending angle
- Bending angle with encoder
- Hydraulic clamp system with bottom clamping
- Automatically activated hydraulic oil cooler and double fans
- 15” PC touch screen
- 3D simulation
- Manual, semi-automatic or automatic operation on the screen
- Working without mandrel
- To see daily / total amount of production on the screen
- To follow error messages on the screen and on the watch page
- Calculation of the length of tube or profile
- Foot pedal or button control optionally
- To record programmes on the memory
- Mandrel length 4000 mm.
- Max. hydraulic pressure 240 bar
- Total motor power 35 kW
- Security warning light
- Safety plate on the front and back of the bending head
- Supported bend arm and bottom arm
- Electrical panel safety lock and panel lock with key
- Two years guarantee; technical service and training confidence by CANSA MAKINA
- Suitable for CE
Machine Model: End - Forming Machine

Technical Specifications:

- NC system tube end - forming machine
- Maximum 38x2 mm diameter & 76x3 mm
- Hydraulic clamp
- Hydraulic forming
- 3.2" color touch screen
- Manual or automatic operation on the screen
- To see daily / total amount of production on the screen
- To control the forming times of moving parts and to hold them desired pressure on the screen
- Foot pedal or button control (optionally)
- Ability to record 100 different programmes
- Max. hydraulic pressure 150 bar
- Motor power 7.5 kW
- Electrical panel safety lock and panel lock with key
- Two years guarantee; technical service and training confidence by CANSA MAKINA
- Suitable for CE
Machine Model: HFM38 2S and HFM76 2S

Video Link

Technical Specifications:

- NC system tube end - forming machine
- 2 stations
- Maximum 38X2 mm diameter
- Hydraulic clamp - Hydraulic double forming
- Pneumatic buffer 4.3” color touch screen
- Manual or automatic operation on the screen To see daily / total amount of production on the screen
- To control the forming times of moving parts and to hold them desired pressure on the screen
- Foot pedal or button control (optionally) Ability to record 100 different programmes
- Max. hydraulic pressure 150 bar
- Motor power 7.5 kw
- Electrical panel safety lock and panel lock with key
- Two years guarantee; technical service and training confidence by CANSA MAKINAS Suitable for CE
Technical Specifications:

- CNC profile and pipe punching machine
- Maximum pipe diameter 90 mm
- Maximum profile size 40X80 – 60X60 mm
- Very precise progress with servo motor and planet reduction gear
- Hydraulic punching
- 30 tons hydraulic press
- Total motor power 5.5 kW
- Pneumatic profile-pipe retaining clamp
- Blowing at the core automatically and burr throw
- Automatically activated hydraulic oil cooler and fan
- Timed automatic lubrication for working components
- Switch adjustable hydraulic press
- CNC system and 4.3" touch screen
- Manual or automatic operation on the screen
- To see daily/total amount of production on the screen
- To follow error messages on the screen and on the watch page
- Foot pedal or button control optionally
- Ability to record programmes
- Standard machine length for punching 3000 mm
- Maximum hydraulic pressure 190 bar
- Electrical panel safety lock and panel lock with key
- Two years guarantee; technical service and training confidence by CANSA MAKİNA
- Suitable for CE,
Technical Specifications:

- CNC profile and pipe punching machine
- Maximum pipe diameter 90 mm
- Maximum profile size 40X80 – 60X60 mm
- Very precise progress with servo motor and planet reduction gear
- Hydraulic punching
- 30 tons hydraulic press
- Total motor power 5.5 kW
- Pneumatic profile-pipe retaining clamp
- Blowing at the core automatically and burr throw
- Automatically activated hydraulic oil cooler and fan
- Timed automatic lubrication for working components
- Switch adjustable hydraulic press
- CNC system and 4.3” touch screen
- Manual or automatic operation on the screen
- To see daily/total amount of production on the screen
- To follow error messages on the screen and on the watch page
- Foot pedal or button control optionally
- Ability to record programmes
- Standard machine length for punching 3000 mm
- Maximum hydraulic pressure 190 bar
- Electrical panel safety lock and panel lock with key
- Two years guarantee; technical service and training confidence by CANSA MAKİNA
- Suitable for CE,
- Working speed minute 40 hit
### Options

- Ability to see the distance of pipe progress and rotation degree on the screen
- Support Apparatus
- Hydraulic Booster
- Simulation Standart (CNC Group)
- Safety Mat
- Manual carriage and rotation

### Uses
# Technical Specifications

## MANUAL Pipe Bending CM MODELS

<table>
<thead>
<tr>
<th></th>
<th>CM 32</th>
<th>CM42</th>
<th>CM51</th>
<th>CM 76</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max. Pipe diameter (mm)</td>
<td>32</td>
<td>42</td>
<td>51</td>
<td>76</td>
</tr>
<tr>
<td>Max. Wall thickness (mm)</td>
<td>2</td>
<td>2</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Max. profile (mm)</td>
<td>30x30x1,5</td>
<td>40x40x2</td>
<td>50x50x2</td>
<td>60x60x2</td>
</tr>
<tr>
<td>Max. stainless steel (mm)</td>
<td>25x1,5</td>
<td>38x1,5</td>
<td>48x1,5</td>
<td>60x2</td>
</tr>
<tr>
<td>Max. Bending radius (mm)</td>
<td>275</td>
<td>250</td>
<td>250</td>
<td>250</td>
</tr>
<tr>
<td>Max. Bending angle (°)</td>
<td>190</td>
<td>190</td>
<td>190</td>
<td>190</td>
</tr>
<tr>
<td>Bending speed (°/sn)</td>
<td>60</td>
<td>40</td>
<td>35</td>
<td>20</td>
</tr>
<tr>
<td>Motor power (KW)</td>
<td>2,2</td>
<td>4,0</td>
<td>5,5</td>
<td>7,5</td>
</tr>
<tr>
<td>Mandrel Length (mm)</td>
<td>1650</td>
<td>2600</td>
<td>3150</td>
<td>3150</td>
</tr>
<tr>
<td>Bending Accuracy</td>
<td>± 0,5</td>
<td>± 0,5</td>
<td>± 0,5</td>
<td>± 0,5</td>
</tr>
<tr>
<td>Weight (kg)</td>
<td>220</td>
<td>750</td>
<td>1000</td>
<td>1100</td>
</tr>
<tr>
<td>Length (mm)</td>
<td>1950</td>
<td>3150</td>
<td>3700</td>
<td>4000</td>
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<tr>
<td>Width (mm)</td>
<td>850</td>
<td>1000</td>
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</tr>
<tr>
<td>Height (mm)</td>
<td>925</td>
<td>1050</td>
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</tr>
</tbody>
</table>

## Hydraulic Pipe Bending CMH MODELS (GEAR BOX SYSTEMS)

<table>
<thead>
<tr>
<th></th>
<th>CMH 32 (NC)</th>
<th>CMH 42 (NC)</th>
<th>CMH 51 (NC)</th>
<th>CMH 76 (NC)</th>
<th>CMH 90 (NC)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max. Pipe diameter (mm)</td>
<td>32</td>
<td>42</td>
<td>51</td>
<td>76</td>
<td>89,9</td>
</tr>
<tr>
<td>Max. Wall thickness (mm)</td>
<td>2</td>
<td>2</td>
<td>3</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Max. profile (mm)</td>
<td>30x30x1,5</td>
<td>40x40x1,5</td>
<td>50x50x2</td>
<td>60x60x3</td>
<td>60x60x3</td>
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<tr>
<td>Max. Stainless steel (mm)</td>
<td>25x2</td>
<td>38x1,5</td>
<td>48x1,5</td>
<td>60x2</td>
<td>70x2</td>
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<tr>
<td>Max. Bending radius (mm) CLR</td>
<td>275</td>
<td>225</td>
<td>225</td>
<td>250</td>
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<tr>
<td>Max. Bending angle (°)</td>
<td>190</td>
<td>190</td>
<td>190</td>
<td>190</td>
<td>190</td>
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<tr>
<td>Bending speed (°/sn)</td>
<td>60</td>
<td>40</td>
<td>35</td>
<td>20</td>
<td>15</td>
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<tr>
<td>Motor power (KW)</td>
<td>2,2</td>
<td>4</td>
<td>5,5</td>
<td>7,5</td>
<td>11</td>
</tr>
<tr>
<td>Hydraulic motor power (KW)</td>
<td>2,2</td>
<td>3</td>
<td>5,5</td>
<td>5,5</td>
<td>7,5</td>
</tr>
<tr>
<td>Total motor power</td>
<td>4,4</td>
<td>7</td>
<td>11</td>
<td>13</td>
<td>18,5</td>
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<tr>
<td>Mandrel Length (mm)</td>
<td>2000</td>
<td>2600</td>
<td>3150</td>
<td>3150</td>
<td>4000</td>
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<tr>
<td>Bending Accuracy</td>
<td>± 0,2</td>
<td>± 0,2</td>
<td>± 0,2</td>
<td>± 0,2</td>
<td>± 0,2</td>
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### Technical Specifications

#### Hydraulic Pipe Bending CMH MODELS (FULL-HYDRAULIC)

<table>
<thead>
<tr>
<th>CMH 32 (NC)</th>
<th>CMH 42 (NC)</th>
<th>CMH 51 (NC)</th>
<th>CMH 76 (NC)</th>
<th>CMH 90 (NC)</th>
<th>CMH 114 (NC)</th>
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**Note:** On request xxx not clear

### CNC Pipe Bending MODELS

#### CNC R1

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<th>CNC 51</th>
<th>CNC 76</th>
<th>CNC 90</th>
<th>CNC 114</th>
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