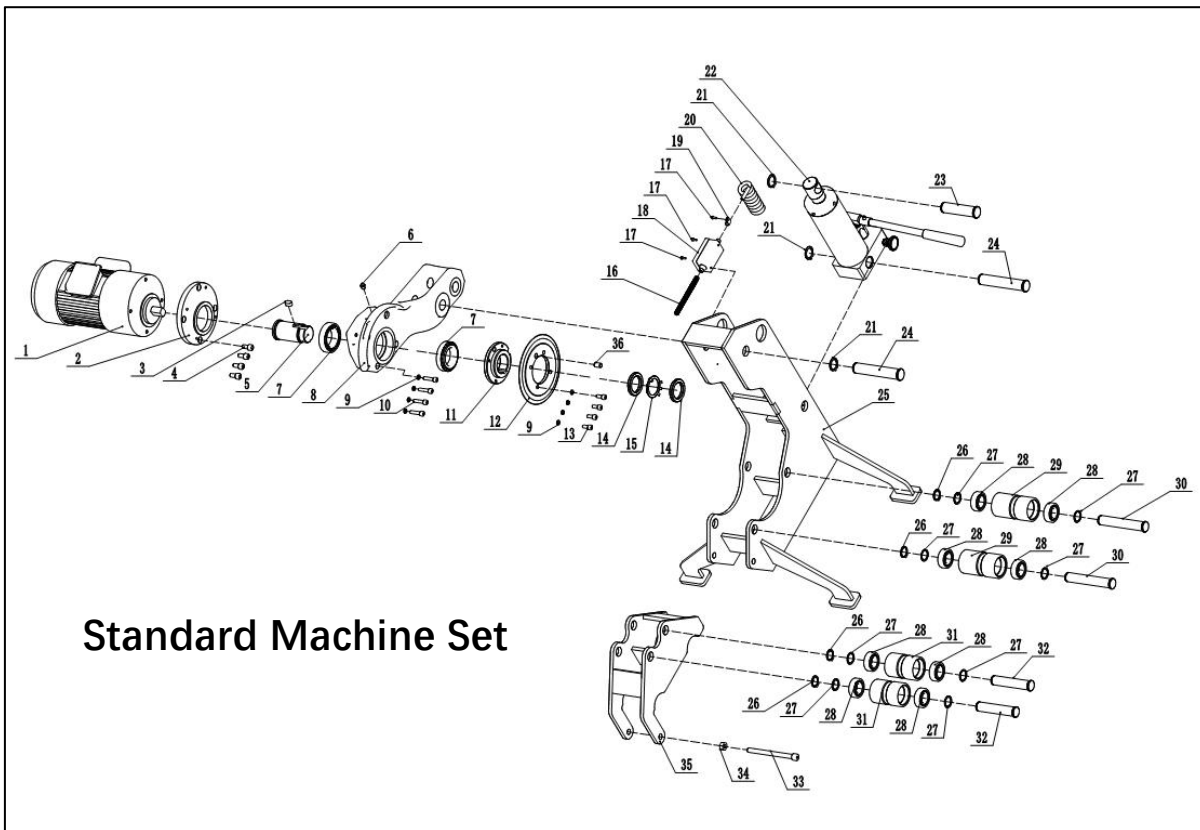


# CM-12 Electric & Hydraulic Roll Cutting machine

## Explosive view & part list



| No. | Item Code | Specification      | No./ Unit | Type         | Note        |
|-----|-----------|--------------------|-----------|--------------|-------------|
| 1   | 98052     | single phase motor | 1         | ** motor     | Alternative |
| 1   | 98046     | three phase motor  | 1         | ** motor     | Alternative |
| 2   | 10017     | motor flange       | 1         | * casting    |             |
| 3   | 15145     | flat key           | 1         | * std. parts |             |
| 4   | 15007     | hex screw          | 4         | * std. parts |             |
| 5   | 11095     | main shaft         | 1         | ** machined  |             |
| 6   | 15027     | grease nozzle      | 1         | * std. parts |             |
| 7   | 15001     | roller bearing     | 2         | *** bearing  |             |
| 8   | 10015     | cut arm            | 1         | * casting    |             |
| 9   | 15073     | spring washer      | 8         | * std. parts |             |
| 10  | 15043     | hex screw          | 4         | * std. parts |             |
| 11  | 12033     | blade cover        | 1         | ** machined  |             |
| 12  | 12019     | cut blade          | 1         | *** roller   |             |
| 12  | 12058     | SS cut blade       | 1         | *** roller   | Optional    |
| 13  | 15094     | hex screw          | 4         | * std. parts |             |
| 14  | 15107     | nut                | 2         | * std. parts |             |
| 15  | 15108     | nut wasger         | 1         | * std. parts |             |
| 16  | 15148     | wire conduit       | 1         | * std. parts |             |
| 17  | 15146     | philip head screw  | 3         | * std. parts |             |
| 18  | 15147     | power switch       | 1         | ** electric  |             |

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|    |       |                        |   |              |  |
|----|-------|------------------------|---|--------------|--|
| 19 | 15090 | cable clip             | 1 | ** electric  |  |
| 20 | 15087 | power cable            | 1 | ** electric  |  |
| 21 | 15142 | elastic collar         | 2 | * std. parts |  |
| 22 | 98058 | hand pump              | 1 | ** asselbly  |  |
| 23 | 11091 | short axle             | 1 | ** machined  |  |
| 24 | 11090 | long axle              | 2 | ** machined  |  |
| 25 | 21016 | main housing           | 1 | ** machined  |  |
| 26 | 15143 | elastic collar         | 3 | * std. parts |  |
| 27 | 14015 | washer                 | 6 | ** machined  |  |
| 28 | 15091 | bearing                | 6 | *** bearing  |  |
| 29 | 11092 | support roller         | 3 | *** roller   |  |
| 30 | 11093 | roller axle            | 3 | ** machined  |  |
| 31 | 12037 | support roller         | 2 | ** machined  |  |
| 32 | 11103 | roller axle            | 2 | ** machined  |  |
| 33 | 15004 | hex screw              | 1 | * std. parts |  |
| 34 | 15137 | hex nut                | 1 | * std. parts |  |
| 35 | 14028 | support roller bracket | 1 | ** machined  |  |
| 36 | 15144 | pin                    | 1 | * std. parts |  |
| /  | 17013 | nameplate              | 1 | * nameplate  |  |
| /  | 15047 | hex screw              | 4 | * std. parts |  |
| /  | 11094 | handle                 | 2 | ** machined  |  |
| /  | 98041 | pipe support 2"~12"    | 1 | ** asselbly  |  |

Spare part recommendation:

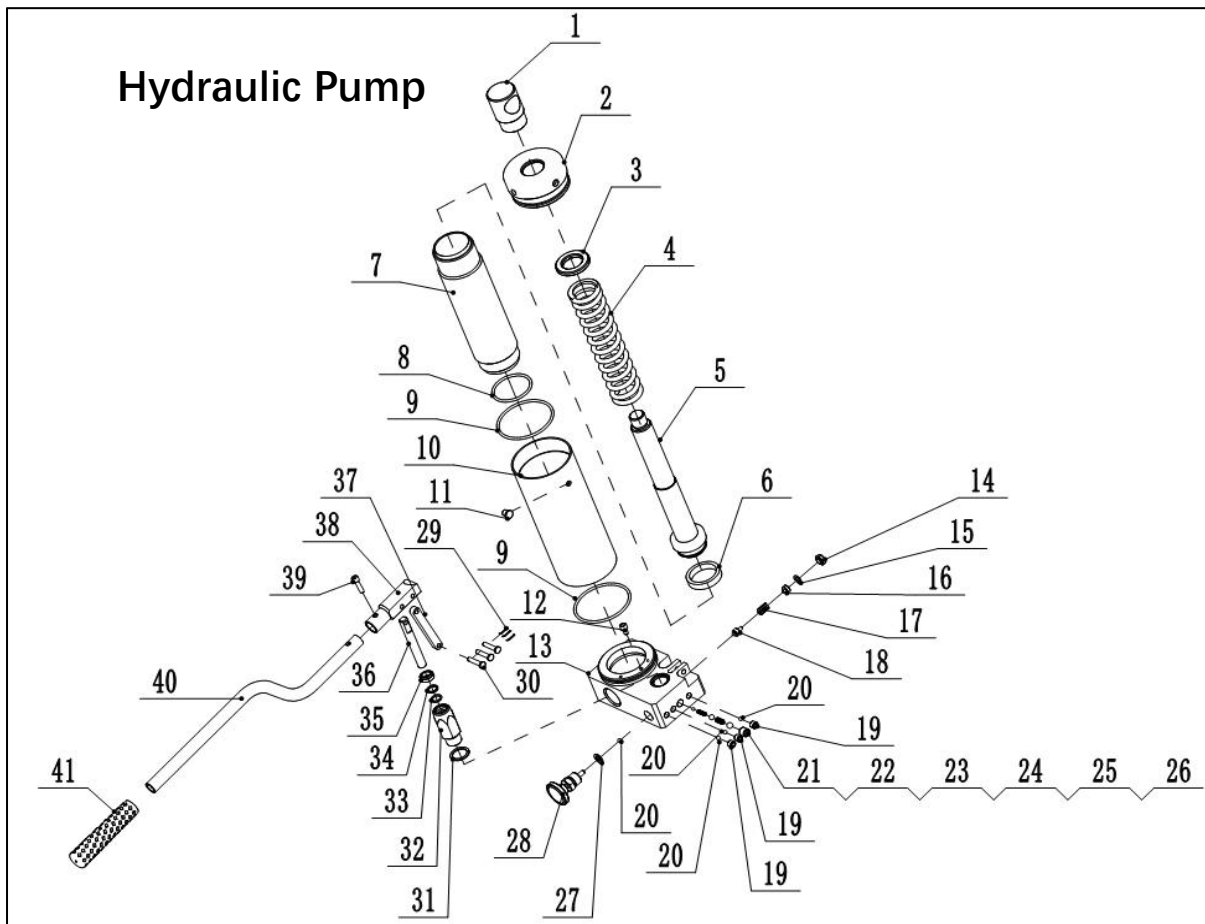
Type \*            No need for inventory, can be found at local market or covered in warranty;

Type \*\*          Small local inventory recommended for missing/ physical damage;

Type \*\*\*        Local inventory recommended for replacing;

# CM-12 Electric & Hydraulic Roll Cutting machine

## Explosive view & part list



| No. | Item Code | Specification    | No./ Unit | Type        | Note |
|-----|-----------|------------------|-----------|-------------|------|
| 1   | 19044     | piston plug      | 1         | ** machined |      |
| 2   | 19043     | cylinder cap     | 1         | ** machined |      |
| 3   | 19046     | locating collar  | 1         | ** machined |      |
| 4   | 19047     | large spring     | 1         | ** spring   |      |
| 5   | 19045     | large piston     | 1         | ** machined |      |
| 6   | 16009     | gasket           | 1         | *** sealing |      |
| 7   | 19048     | cylinder sleeve  | 1         | ** machined |      |
| 8   | 16024     | o-ring           | 2         | *** sealing |      |
| 9   | 16033     | o-ring           | 2         | *** sealing |      |
| 10  | 19042     | oil tank         | 1         | ** machined |      |
| 11  | 16034     | plug             | 1         | *** sealing |      |
| 12  | 19050     | filter screw     | 1         | ** machined |      |
| 13  | 19041     | main housing     | 1         | ** machined |      |
| 14  | 19005     | safety valve cap | 1         | ** machined |      |
| 15  | 16002     | o-ring           | 1         | *** sealing |      |
| 16  | 19006     | adjust screw     | 1         | ** machined |      |
| 17  | 19016     | adjust spring    | 1         | ** spring   |      |
| 18  | 19051     | cone valve       | 1         | ** machined |      |

## CM-12 Electric & Hydraulic Roll Cutting machine

### Explosive view & part list

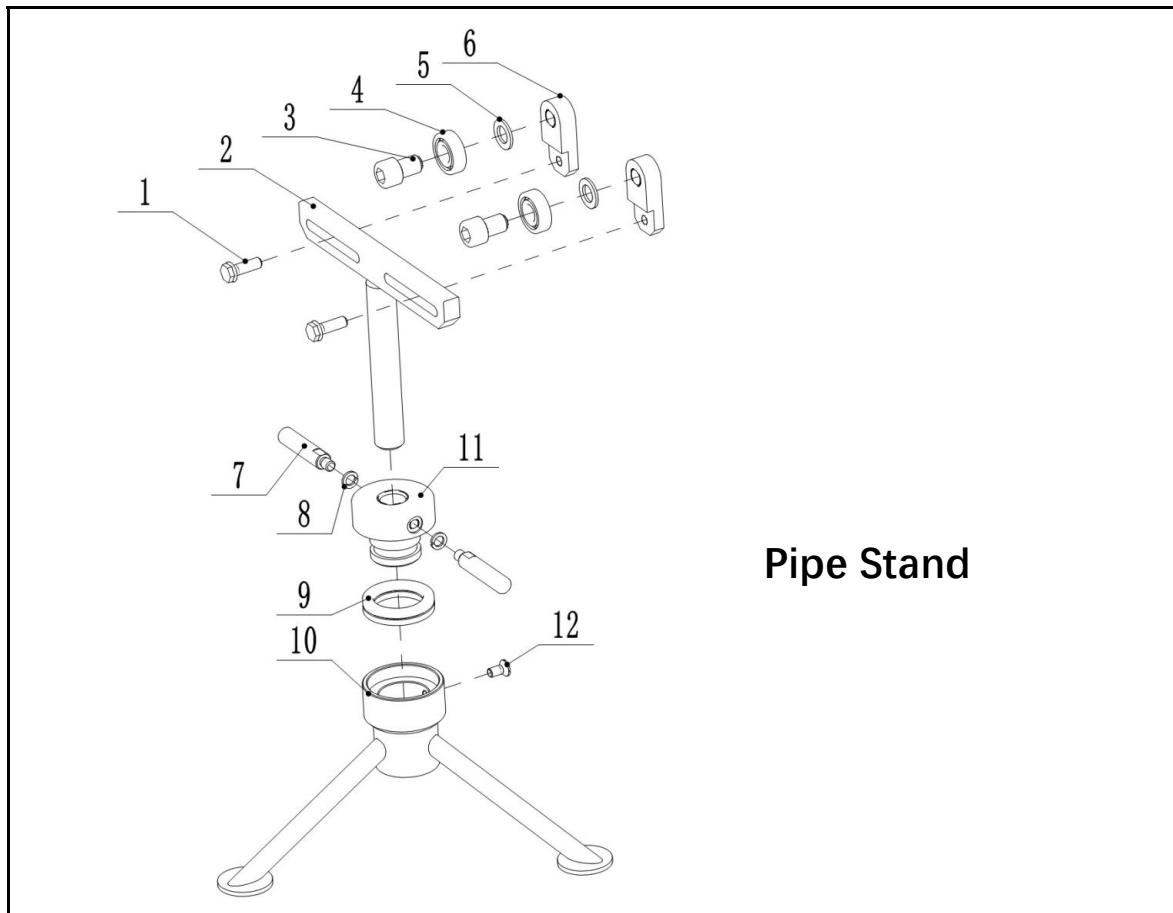
|       |       |                    |   |              |                                                                    |
|-------|-------|--------------------|---|--------------|--------------------------------------------------------------------|
| 19    | 15065 | plug               | 3 | * std. parts |                                                                    |
| 20    | 16018 | steel ball         | 4 | *** sealing  |                                                                    |
| 21    | 15066 | cap                | 1 | * std. parts |                                                                    |
| 22    | 16015 | steel ball         | 1 | *** sealing  |                                                                    |
| 23    | 19037 | delivery spring    | 1 | ** spring    |                                                                    |
| 24    | 16016 | steel ball         | 1 | *** sealing  |                                                                    |
| 25    | 19038 | filling spring     | 1 | ** spring    |                                                                    |
| 26    | 16019 | steel ball         | 1 | *** sealing  |                                                                    |
| 27    | 15064 | washer             | 1 | * std. parts |                                                                    |
| 28    | 98016 | relief valve       | 1 | ** asselbly  |                                                                    |
| 29    | 15060 | cotter             | 3 | * std. parts |                                                                    |
| 30    | 15057 | pin                | 3 | * std. parts |                                                                    |
| 31-36 | 98019 | hex cylinder       | 1 | ** asselbly  |                                                                    |
| 31    | 15063 | washer             | 1 | * std. parts | not recommend<br>to order<br>separately<br>order #98019<br>instead |
| 32    | 19001 | Hex cylinder liner | 1 | ** asselbly  |                                                                    |
| 33    | 19022 | cylinder gasket    | 1 | *** sealing  |                                                                    |
| 34    | 16001 | o-ring             | 1 | *** sealing  |                                                                    |
| 35    | 16012 | dust ring          | 1 | *** sealing  |                                                                    |
| 36    | 19004 | small piston rod   | 1 | ** machined  |                                                                    |
| 37    | 13005 | link block         | 1 | ** machined  |                                                                    |
| 38    | 18004 | lever seat         | 1 | ** machined  |                                                                    |
| 39    | 15042 | hex screw          | 1 | * std. parts |                                                                    |
| 40    | 19015 | pump lever         | 1 | ** machined  |                                                                    |
| 41    | 15062 | lever sleeve       | 1 | * std. parts |                                                                    |

Spare part recommendation:

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## CM-12 Electric & Hydraulic Roll Cutting machine

### Explosive view & part list



Pipe Stand

| No. | Item Code | Specification     | No./ Unit | Type         | Note |
|-----|-----------|-------------------|-----------|--------------|------|
| 1   | 15149     | hex flange bolt   | 2         | * std. parts |      |
| 2   | 21021     | T - support       | 1         | ** machined  |      |
| 3   | 15114     | hex screw         | 2         | * std. parts |      |
| 4   | 15113     | bearing           | 2         | *** bearing  |      |
| 5   | 15150     | spring washer     | 2         | * std. parts |      |
| 6   | 13025     | bearing seat      | 1         | ** machined  |      |
| 7   | 11069     | handle            | 2         | ** machined  |      |
| 8   | 15079     | spring washer     | 2         | * std. parts |      |
| 9   | 15093     | bearing           | 1         | *** bearing  |      |
| 10  | 21020     | support bracket   | 1         | ** machined  |      |
| 11  | 10008     | trapezoid nut     | 1         | * casting    |      |
| 12  | 15095     | philip head screw | 1         | * std. parts |      |

Spare part recommendation:

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Type \*\* Small local inventory recommended for missing/ physical damage;

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