

MODEL 1007 & 3007

Roll Groovers

A. 1007 STANDARD EQUIPMENT - Roll Groover complete with groove and drive rolls for 2" - 12" steel pipe, Steel/CTS Dual Guide Roll Assembly, one and one-half horsepower electric motor drive with foot switch. Two stage hydraulic hand pump, mounting base with footed support legs. Complete set-up and operating instructions; 2" - 6" rolls on tool, 8" - 12" rolls stored in box, and three depth gauges covering the range of 2" through 12" pipe are mounted on the tool.

Shipped in closed wood crate that can be used for storage or rental tool return.

Shipping Weight: 620 lbs.



MODEL 1007 ROLL GROOVERS

A. 3007 STANDARD EQUIPMENT - Roll Groover complete with groove and drive rolls for 2" - 12" steel pipe, Steel/CTS Dual Guide Roll Assembly, two stage hydraulic hand pump, mounting base with footed support legs for direct attachment to your Ridgid® 300 Power Drive. Complete set-up and operating instructions; 2" - 6" rolls on tool; 8" - 12" rolls stored in box, and three depth gauges covering the range of 2"-12" pipe are mounted on the tool. Required Ridgid 300 Power Drive not included.

Shipped in closed wood crate that can be used for storage or rental tool return.

Shipping Weight: 330 lbs.



MODEL 3007 ROLL GROOVERS

B. OPTIONAL EQUIPMENT

Steel Pipe:

- 2"-12" Schedule 10, 10S; 40, 40S Rolls: Consisting of 2"-6" and 8"-12" roll sets.
- 14"-16" Steel Grooving Rolls (Model 1007 only).

Advanced Copper Method Option:

- 2"-6" Advanced Copper Method (IPS Copper) Grooving Assembly with groove and drive rolls, M&L Advanced Copper Method guide roll assembly, and a 2"-6" Universal Diameter Gauge.
- 2"-6" Type K Advanced Copper Method (IPS Copper) Grooving Assembly.
- 3"-6" Type DWV Advanced Copper Method (IPS Copper) Grooving Assembly.
- 8" Advanced Copper Method Assembly with groover and drive roll, hydraulic copper guide roll unit suitable for K, L, M, and DWV tubing, and an 8" Universal Diameter Gauge.

CTS Copper System Option:

- 2"-8" CTS Copper System Grooving Rolls, 2"-4" CTS Depth Gauge, and 5"-8" CTS Depth Gauge.

Other:

- Optional 230 volt, 60Hz, 15 amp, single phase electrical panel with motor is available for the 1007 Roll Groover.

Gruvlok roll grooving technology is protected by U.S. Patents 5450738, 5570603, 5778715 and others pending.

| PROJECT INFORMATION | | APPROVAL STAMP | |
|------------------------|--|--|--|
| Project: | | <input type="checkbox"/> Approved | |
| Address: | | <input type="checkbox"/> Approved as noted | |
| Contractor: | | <input type="checkbox"/> Not approved | |
| Engineer: | | Remarks: | |
| Submittal Date: | | | |
| Notes 1: | | | |
| Notes 2: | | | |

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Roll Groovers

C - GROOVER CAPABILITY

| GROOVER CAPABILITY | | | | | | | | | | | |
|--------------------|-------------------------------------|----|----|-----|-----|-----|-----|-----|-----|------|------|
| Pipe Material | Pipe Size/Wall Thickness (Schedule) | | | | | | | | | | |
| In. | 2 | 2½ | 3 | 4 | 5 | 6 | 8 | 10 | 12 | 14 | 16 |
| DN(mm) | 50 | 65 | 80 | 100 | 125 | 150 | 200 | 250 | 300 | 350 | 400 |
| Steel | Schedule 10, 40 | | | | | | | | | Std. | Std. |
| Stainless | Steel Schedule 10S, 40S | | | | | | | | | n/a | n/a |
| Copper | K, L, M & DWV | | | | | | n/a | n/a | n/a | n/a | |

NOTES:

- (1) All wall thickness shown are the maximum wall thickness for the indicated pipe material.
- (2) Minimum wall thickness for each pipe materials and size is:
 - Steel: 2" - 12" – Sch. 10, 14" & 16" Standard Wall
 - Stainless Steel: 2" - 12" – Sch. 10S, 40
 - Copper: 2" - 2½" – Type M
 - 3" - 8" – Type DWV
- (3) Contact an Anvil Representative for information on grooving alternate materials

NOTE: Some sizes may require optional equipment.

D - GROOVER TIMES

| MODEL 1007 & MODEL 3007 STEEL PIPE GROOVING TIMES (MIN: SEC.) | | | | | | | | | | | |
|---|------|------|------|------|------|------|------|------|------|------|--|
| Pipe Size (In./DN(mm)) – Sch. 40 (Std. Wall) Steel Pipe | | | | | | | | | | | |
| 2 | 2½ | 3 | 4 | 5 | 6 | 8 | 10 | 12 | 14 | 16 | |
| 50 | 65 | 80 | 100 | 125 | 150 | 200 | 250 | 300 | 350 | 400 | |
| 0:20 | 0:20 | 0:25 | 0:30 | 1:00 | 1:20 | 1:35 | 1:50 | 2:20 | 2:40 | 3:00 | |

This chart shows approximate grooving times with the groover setup for the proper size and groove diameter and the pipe properly positioned on the groover. The times shown are average times from

the start of rotation of the pipe in the grooving rolls to completed groove.

- **WIDE GROOVING RANGE—**
2" thru 16" standard wall & schedule 10 steel pipe,
2" thru 12" Schedule 10S and 40S Stainless Steel and
2" thru 8" copper tube type K, L, M, and DWV. (Adv. Copper Method or CTS Copper System)
- **PIPE LENGTHS—**20' random schedule 40 (standard wall) to 5" groove by groove nipples. The shortest roll groove nipple capability in the industry; hands-clear operation.
- **HANDS CLEAR GROOVING OF PIPE AND NIPPLES—**
Enhanced operator safety provided by outboard guide roll assembly.
- **ACCURATE, REPEATABLE-GROOVE DIAMETER CONTROL—**
Simplified direct action design provides positive, repeatable, control for grooving carbon and stainless piping. For grooving copper, universal diameter gauge must be utilized.
- **FAST GROOVING TIMES—** Large capacity two-stage pump. Two-stage design saves time engaging pipe while providing smooth application of optimum grooving force with reduced operator effort.
- **BETTER CONTROL OF PIPE FLARE—** Outboard guide roll assembly registers pipe for proper orientation.
- **QUICK, EASY SETUP AND ROLL CHANGE**
- **RUGGED DESIGN REQUIRES ZERO MAINTENANCE—**
Sealed bearings eliminate need for periodic maintenance.
- **USER FRIENDLY DESIGN—** Pump location is adjustable for operator comfort and safety.
- **EASE OF OPERATION—** High grooving forces obtained through use of larger capability ram requires less pump effort.
- **FOOT SWITCH POWER APPLICATION**
- **OPERATOR SAFE DESIGN**