

Introduction

► Feature

| | |
|------------------------|---|
| Rated line lift: | 1,200 kg / 2,640 lb single line at the top layer of rope |
| Line speed: | 35.5 mpm / 116 fpm single line at the top layer of rope |
| Operation pressure: | 150 bar (2,176 psi)with maximum back pressure on return line of 5 bar |
| Brake: | Multi-disc brake and counterbalance valve providing full 100% braking |
| Recommended wire rope: | 10 mm (3/8") x 55 m (180') 1,960 N/mm ² grade a minimum breaking strength of 69.8 KN required |
| Hydraulic system: | PTO/power take off unit driven pump |

► Unpacking

- Assembly..... 1pc
- Counterbalance valve..... 1pc

► Read this manual carefully

You should carefully read and understand this manual before operating it. Careless operation may result in personal injury hazards or property damage.

► Information requesting or parts ordering

Please specify the followings information:

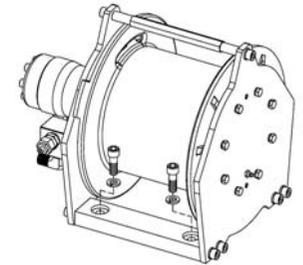
- PN
- Part description
- Serial number
- Replacement part number
- Quantity for each part

Installation

Before using the winch, make sure all components have no corrosion or damaged; the environment should be clear and dry.

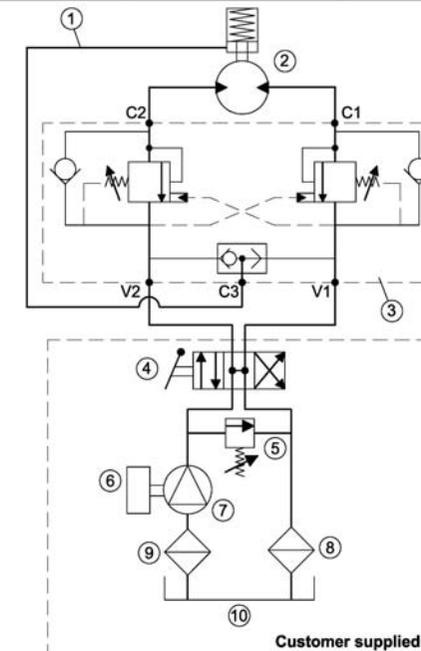
► Mounting

- Hoist shall be mounted on a flat and hard surface.
- Hoist should be mounted as closed to center and as perpendicular as possible to the direction of the line pull.
- Wire rope shall be wound in an under-wound orientation only.
- Four (4) M12 , 8.8 grade w/76 N-m torque setting (maximum) high tensile steel bolts must be used in order to sustain the loads imposed on the winch mounting



► Hydraulic System

| V1 Lowering branch | V2 Hoisting branch | C3 Connection to brake |
|--------------------|-------------------------|---------------------------------|
| ① Brake | ② Hoist | ③ Two-way counter balance valve |
| ④ Control valve | ⑤ Pressure relief valve | ⑥ PTO electro control box |
| ⑦ Hydraulic pump | ⑧ Return filter | ⑨ Suction filter |
| ⑩ Oil tank | | |



(Powered by PTO / power take off unit driven pump)

The installation of the counterbalance valve supplied is required for 100% braking

Warning

- The rated line pull and speed are based on the first layer of rope on the drum.
- The rope winding on the drum shall remain 5 wraps from the drum.

Warranty

Comeup Industries Inc. takes the responsibility for all parts and components to be free from defects in materials and workmanship appearing under normal use for one year from the date of purchase.

Parts List

| Item No. | Description | Part No. | Qty |
|----------|---------------------------------|----------|-----|
| 1 | Hydraulic motor kit for OMP-200 | 882880 | 1 |
| 2 | Motor fix plate kit | 882885 | 1 |
| 3 | Multi-disc brake kit | 882886 | 1 |
| 4 | Drum bushing | 882931 | 2 |
| 5 | Metallic gasket | 882932 | 2 |
| 6 | Drum kit | 882887 | 1 |
| 7 | Thimble | 882933 | 1 |
| 8 | 1 st pinion kit | 882891 | 1 |
| 9 | 1 st ring gear kit | 882892 | 1 |
| 10 | Gearbox fix plate kit | 882893 | 1 |
| 11 | Tie bar kit | 882894 | 1 |
| 12 | Base plate kit | 882895 | 2 |

Assembly

