

JE ELECTRIC WORM GEAR WINCHES

Models JE are DC electric worm gear winch with steel spur gear reduction, designed for long life, offer best safe duty. These winches are built according with higher safety standards in compliance with Directive Machinery 2006/42/CE EN 14492-1. The special aluminium alloy bronze gear match to an hardened steel ground polished worm. Worm gear provides load reversing protection. They are suitable to be mounted on vehicle where hydraulic system is not available. Particularly fit for front end or rear trucks mounting.

FEATURES

- TOUGH**
The special aluminium alloy bronze gear match to an hardened steel ground polished worm
- LOW MOUNTING**
Its particular design, make it proper for front end or rear vehicles mounting
- LIGHT AND STRONG**
Body manufactured from hardened special aluminum castings, which reduces weight and increases strength
Powder coat finished
- BRAKE**
Worm gear provides load reversing protection

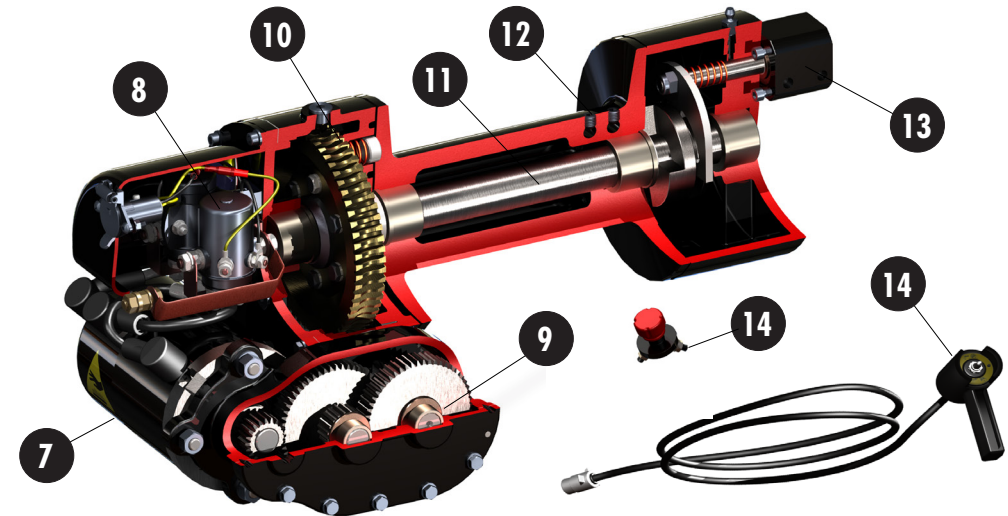
WINCHES RANGE

| MODEL | PULLING CAPACITY |
|---------------------------------|--------------------------|
| JEC 2700 - JEM 2700 JEL 2700 | 2.700 Kgs. (6.000 Lbs.) |
| JEC 3600 - JEM 3600 JEL 3600 | 3.600 Kgs. (8.000 Lbs.) |
| JEM 5100 - JEL 5100 | 5.100 Kgs. (11.244 Lbs.) |

- DRUM SIZE AVAILABLE**
Short: 162 mm (6,4 inch) JEC
Medium: 211 mm (8,3 inch) JEM
Long: 350 mm (13,8 inch) JEL
- TOTALLY OIL COOLED**
Worm and gear in oil bath, give best performance and extending components life span

ACCESSORIES :

- Zinc plated Standard or Heavy-duty roller fairlead
- Zinc plated Cable tensioner
- Air clutch shifter - drum free spooling



COMPONENTS

- 1. LOAD LIMITING DEVICE**
Load limiting device, designed to provide mechanical overload protection as safety measures. It doesn't suffer overheating as electronic devices does.
- 2. MOUNTING ANGLES**
Standard mounting angles.
- 3. SOCKET**
- 4. POWER SUPPLY STUD (+)**
- 5. MANUAL CLUTCH**
Manual clutch for drum free spooling.
- 6. STANDARD ROLLER FAIRLEAD**
Zinc plated standard roller fairlead.
HEAVY-DUTY ROLLER FAIRLEAD
Zinc plated heavy-duty roller fairlead.
- 7. ELECTRIC MOTOR**
Electric motor IP 55 protection. Ground wired onto the body. Painted finish.
- 8. SOLENOIDS**
Heavy-duty metal case solenoids switch.
- 9. PRIMARY GEAR REDUCTION**
Steel shaving spur gears in hardened special aluminium castings.
- 10. FINAL GEAR REDUCTION**
A special aluminium alloy bronze gear match to an hardened steel ground polished worm in hardened special aluminium castings.
- 11. MAIN SHAFT**
Hardened steel main shaft.
- 12. DRUM**
Dual rope anchor point based on Vime's own design in compliance with CE Directive Machinery to prevent rope release.
- 13. AIR CLUTCH**
Dual action air-cylinder with aluminum body based on Vime's own design. Chromium plated out put shaft is visible when drum is in the disengaged position.
- 14. REMOTE CONTROL**
Remote control switch assembly (includes plug and cable 4 Mt.(13,12 Ft.) provides control of the forward or reverse rotation of the spooling drum.
Battery leads 2 Mt.(6,56 Ft.) Battery switch.