



Motion Control Engineering  
11380 White Rock Road  
Rancho Cordova, CA 95742

**Hydraulic Power Unit Data Form**

**916 463 9200 Voice**

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**916 463 9201 FAX**

Customer: \_\_\_\_\_

Job Name: \_\_\_\_\_

Ordered with MCE controller   Same shipping address

Requested ship date: \_\_\_\_\_  Same as controller

Ship to Address (if not with controller): \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**Installation**

- In-ground Holeless:
- Twin Jack  Twin Roped
  - Cantilever  Cantilever Roped
  - Telescopic- Manufacturer: \_\_\_\_\_

**Power Unit**

- Submersible (50 HP max)  Dry, Belt Drive Unit

**MCE Power Unit Standard Features**

- Imperial motor
- IMO pump
- Maxton valve
- Enhanced pneumatic muffler
- Low oil switch
- Isolation pads
- Viscosity control sensor
- Unistrut (used to mount controller to tank)
- Low pressure switch and pressure gauge fitting
- Submersible – dip stick
- Dry – drip pan, oil sight gauge

**Available Options – Check if Required**

- Oil Heater (115VAC, 2.1A powered by MCE controller)
- Load weighing pressure switch
- Shut off valve Quantity: \_\_\_\_\_
- Isolation coupling Quantity: \_\_\_\_\_
- Oil cooler (Three phase, 208-240VAC, 20A disconnect required)
- Filter system – 5 micron
- Constant down speed (regulator valve)
- Oil sight gauge on submersible unit
- Vent filter breather

Date: \_\_\_\_\_

Contact Name: \_\_\_\_\_

Phone: \_\_\_\_\_

Cell Phone: \_\_\_\_\_

FAX: \_\_\_\_\_

Email: \_\_\_\_\_

**Project Data**

Capacity (lbs): \_\_\_\_\_ and cab weight (lbs): \_\_\_\_\_ (without piston)

Or static pressure, empty car (psi): \_\_\_\_\_

Piston O.D.: \_\_\_\_\_ or piston circumference: \_\_\_\_\_

Piston weight (lbs): \_\_\_\_\_ or piston wall thickness: \_\_\_\_\_

Car speed: \_\_\_\_\_ or GPM required: \_\_\_\_\_

Existing unit HP: \_\_\_\_\_ Same for new unit?:  Yes  No

Power supply: Volts \_\_\_\_\_ Phase \_\_\_\_\_ Hz \_\_\_\_\_

Total travel: \_\_\_\_\_ feet, \_\_\_\_\_ inches

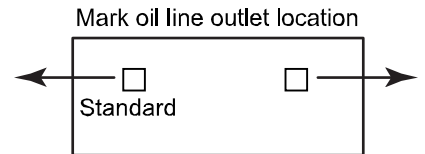
Starts per hour:  80  120 (requires larger HP)

**Power Unit Mechanical**

Existing oil line size: \_\_\_\_\_

Outlet:

- Victraulic (standard)
- Male thread (optional)



FRONT of Unit

Machine room door width: \_\_\_\_\_

Conditions requiring special power unit size or arrangement? Explain or sketch below.