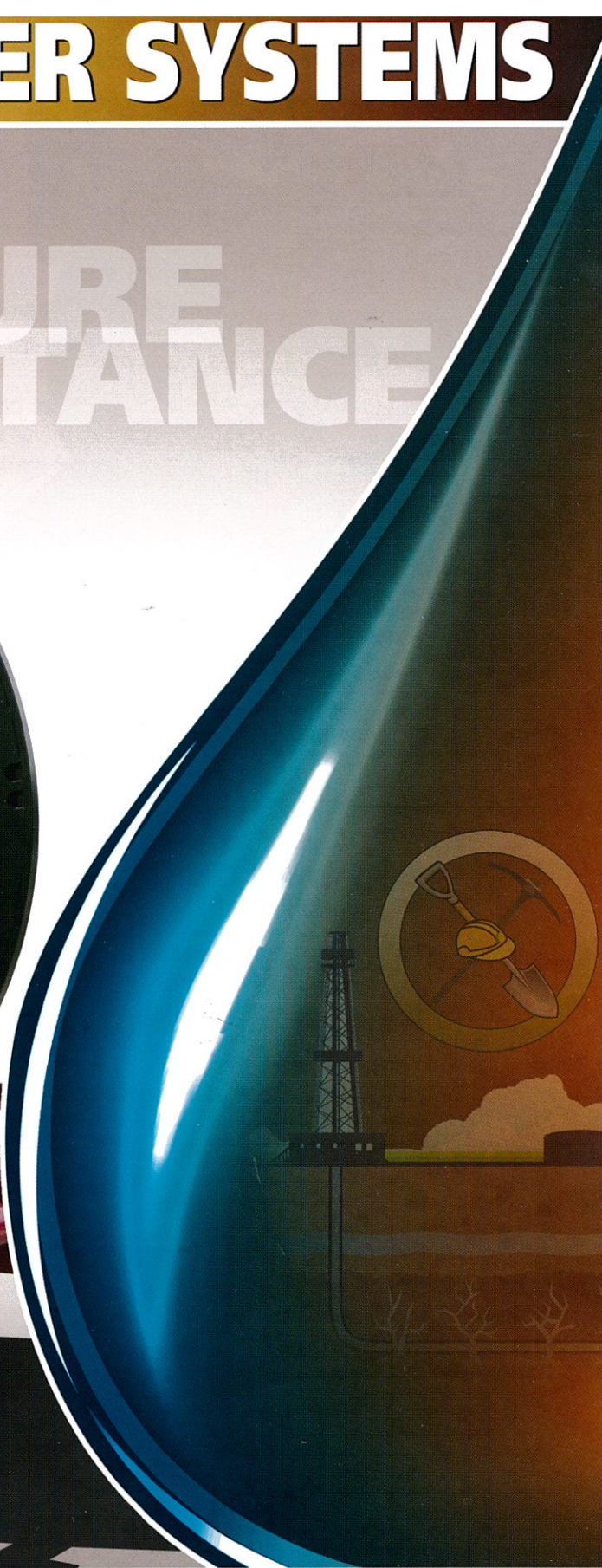


# WATER TRANSFER SYSTEMS

VOLUME  
PRESSURE  
DISTANCE



# Cadman

POWER  
EQUIPMENT  
LIMITED

STRENGTH

SIMPLICITY

DEPENDABILITY





# CADMAN HOSE CADDIES

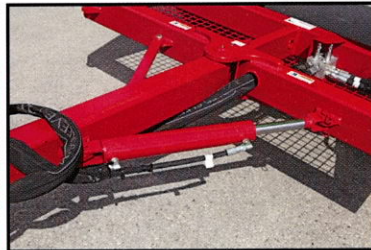
## 6005 Hose Caddy



- Holds 4 - 660' 8" hose (1/2 mile)
- Simple, heavy duty construction.
- Corrosion-resistant drum sides.
- Hydraulic drive hose retrieve w/ heavy duty hi-torque drive motor.
- Shift to float / free-wheel from operator station.

## 6010 Hose Caddy

- Holds 8 - 660' 8" hose (1 mile) or - 4 - 660' 10" hose.
- Simple, heavy duty construction.
- Corrosion-resistant drum sides.
- Hydraulic drive hose retrieve w/ heavy duty hi-torque drive motor.
- Hydraulic pivoting tongue.
- Shift to float / free-wheel from operator station.
- Optional rear hose roller or hose guide bar.





# MANDALS HOSE

## Superman HVT Hose

Mandals Superman HVT is intended for transfer of large volumes of liquid at higher than normal working pressures while at the same time being lightweight and easy to deploy.



The excellent abrasion resistance prevents the hose from being damaged where other types of outer cover would be worn off quickly due to the pulsations of the flow combined with the weight of the filled hose.

Heavily reinforced weave ensures minimum extension in length and minimum "snaking" of deployed hose.

Mandals Superman HVT can operate in an ambient temperature range from -50°C to +75°C, and can withstand intermittent use up to +80°C.

Standard lengths up to 200 meters.

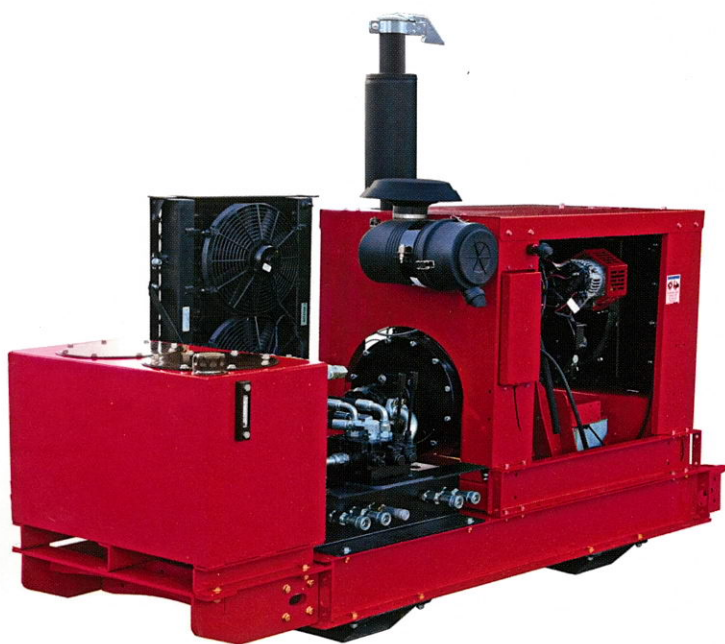
## Technical Data

| Inner Diameter |             | Wall Thickness |     | Weight |      | Burst Pressure |     | Tensile Strength * |        |
|----------------|-------------|----------------|-----|--------|------|----------------|-----|--------------------|--------|
| inch           | mm          | inch           | mm  | lbs/ft | kg/m | psi            | bar | lbs                | kg     |
| 8              | 203.0 + 3.0 | 0.16           | 4.2 | 2.09   | 3.10 | 600            | 42  | 81,400             | 37,000 |
| 10             | 254.0 + 4.0 | 0.17           | 4.3 | 2.76   | 4.10 | 507            | 36  | 99,900             | 45,400 |
| 12             | 305.0 + 5.0 | 0.18           | 4.5 | 3.33   | 4.95 | 435            | 30  | 123,200            | 56,000 |

Maximum recommended Working Pressure: 50% of the listed values – for temporary use. To obtain maximum lifetime of the hose, it is recommended that the Working Pressure or the Working Tensile Stress does not exceed 1/3 of the listed values.

\* Total theoretical longitudinal strength.

## Cadman Power Units from 14 to 1,000hp



**CATERPILLAR®**

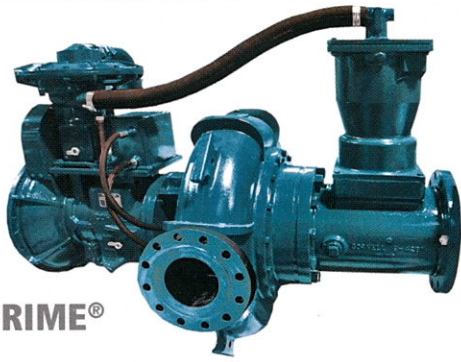


**JOHN DEERE**

**Kubota**



# CORNELL PUMPS



## REDI-PRIME®

- The most efficient water pumps in the industry.
- 1.25" through 30" discharge size.
- Flow Rates: Up to 40,000 GPM and Heads to 650 feet.

### Features:

- Fully automatic self-priming, pump.
- Handles air/liquid mixtures with ease.
- Rapidly primes and re-primers completely unattended.
- Environmentally safe priming system designed to prevent product leakage.
- Patented Cycloseal® system with Run-Dry capability.
- High suction lift capability up to 28 feet.
- Premium hydraulic efficiency for reduced energy consumption.
- Replaceable wear rings.
- Double volute.
- Bearing life to 100,000 hours or more.
- Heavy-walled castings.
- Replaceable shaft sleeves.
- Frame or SAE engine mounted.



## MP SERIES

- Specifically designed for coarse abrasive slurry applications such as sand, gravel, coal, and mine dewatering.
  - Discharge Sizes: 4, 6, and 8 inches.
  - Flow Rates: Up to 9,000 GPM.
  - Heads: Up to 550 feet.
  - Solids Diameter: Up to 3 inches.
  - Seal Type: Cycloseal®.
  - Impeller Type: Enclosed.
  - Run-Dry® and Redi-Prime® compatible.
  - Available in horizontal frame and SAE mount configurations.

### Features:

- 17-4PH Stainless Shaft.
- Heavy duty construction for aggressive applications.
- High-chrome white iron pump-end construction.
- Thick cross-sections for abrasive wear and high operating pressures.
- Front adjustable wear plate to regain lost efficiency while in service.
- Replaceable suction liner and wear plates at point of maximum wear.
- Hardness rating > 650BHN provides better wear properties compared to standard cast or ductile iron.
- Heavy duty bearing frame construction with double angular contact thrust bearing. Oil or grease lubricated.

Cadman's 60+ years of leadership and experience in design and manufacturing stands behind every Cadman product.



# Cadman

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