

### **Dakota II Pressure Washers & Steam Cleaners**

Dakota II Engine Drive Features Include:

- Gas or diesel engine drive
  - Triplex plunger, oil bath, positive displacement water pump, direct drive, 5.5 models with gear reduction
  - 12-volt DC electrical system, including burner
  - Oil (diesel) fired burner
  - 1/2" Schedule 80 pipe heating coil
  - Trigger type, insulated pistol grip shut-off gun with 48" lance
  - 3/8" x 100' (0.95cm x 30.5m) high-pressure hose with quick couplers
  - Quick couple nozzles of 0-, 15-, & 25-degree angles, round steam nozzle and 2" or 3" fan steam nozzle
  - Detergent metering valve
  - Adjustable digital temperature control
  - Flow switch, high temperature limit, pressure relief valve, thermal relief valve, rupture disc, and stainless-steel float tank with inlet water back flow prevention
  - Frame with forklift pockets and overhead lift points
- \*Optional Highway trailer package available for additional cost which includes:
- Powder coated, rugged structural steel frame with removeable diamond plate fenders, 5,200 lb. tandem axles with 6 bolt 15" wheels, leaf spring suspension, and electric brakes.
  - 2 5/16" ball coupler hitch (3-position adjustable height), leveling jack, safety chain, 12V breakaway kit, LED light kit with clearance lights, license plate hanger, taillights, wiring harness and 7-blade plug.
  - 500 Gallon poly water supply tank with y-strainer in the water line to the unit, and tank drain valve.
  - Fender manual crank hose reel for storage of the 100' hose.
  - Lockable toolbox mounted on the rear of the trailer for easy access for storage.



### **Electrical & Mechanical Information**

| Voltage | Heat Input<br>BTU/Hr | Engine HP/KW | Pump<br>RPM | Drive Type | Flue Size |
|---------|----------------------|--------------|-------------|------------|-----------|
| 12 DC   | 280,000              | 11 / 8.6     |             | Direct     | 8"        |

### **Performance**

|                        | Flow |      | Pressure |       | Temp Rise* |     |
|------------------------|------|------|----------|-------|------------|-----|
|                        | GPM  | LPM  | PSI      | BAR   | °F         | °C  |
| <b>Pressure Washer</b> | 3.5  | 13.2 | 3000     | 206.8 | 111        | 60  |
| <b>Steam Cleaner</b>   | 1.5  | 5.7  | 250      | 17.2  | 260        | 145 |

\*Temperature rise is based on 60°F (15°C) inlet temperature;  
320°F (160°C) is the high temperature limit

| Fuel Supply |                |            | Weight & Dimensions |      |                      |     |        |      |
|-------------|----------------|------------|---------------------|------|----------------------|-----|--------|------|
| Fuel Type   | Fuel Tank Size | Fuel Usage | Length              |      | Width                |     | Height |      |
| Gasoline    | 1.6            | 0.92 GPH   | in                  | mm   | in                   | mm  | in     | mm   |
|             |                |            | 44                  | 1118 | 24                   | 616 | 40     | 1019 |
|             |                |            | <b>Weight</b>       |      | 460 (lbs), 209 (kgs) |     |        |      |

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