# TURBO TECH.

## **Professional Ca**

### **SELF-CONTAINED SYSTEMS**

TURBO TECH's modular design maximizes valuable cargo space without compromising serviceability. Each frame is manufactured using state-of-the-art computer technology to ensure precision alignment of driven components. Heavy duty instrumentation monitors the performance of each system, i.e. temperature, pressure, vacuum and service cycle timer. All components incorporated into TURBO TECH's systems are industrial grade to provide you the most reliable unit available today.

Each unit is assembled, inspected and tested with pride-in-workmanship and stringent quality control standards. We invite you to evaluate our claims. We're sure you'll agree with us—there's none better.





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# pet Cleaning Systems

## **CLUTCH DRIVE SYSTEMS**

TURBO TECH's clutch drive employs the most reliable components available. Three heavy-duty bearings and a heavy-duty industrial electric clutch transfer powerful torque smoothly to the driven components, i.e. pump and vacuum/blower. TURBO TECH characteristically took *no* short cuts in designing the TURBO VAN. Nothing in the marketplace can out perform its efficiency or exceed its reliability.

TURBO VAN systems are available with either a heat exchanger or propane-temperature controlled heater. TURBO TECH's stainless steel heavy-duty heat exchanger or our domestically engineered/manufactured TURBO Heater is the perfect match for a truly tailored system. Simply turn on the drive system, flip the switch for the pump clutch, dial-in the chemical flow, set the temperature control and give your customer the best results available.

Servicing has also been simplified. In less than ten seconds the cabinet cover can be removed for access to driven components. Actual servicing is minimal and limited primarily to lubrication of shaft and vacuum/blower bearings.







### PRODUCT SUPPORT MANUALS



Tech manuals, parts lists, warranty/registration forms, service and operational procedures ensure that you'll be able to operate and maintain your TURBO TECH equipment at optimum performance levels.

Our goal is to provide you the most complete and concise manual available in the industry today.

### INTERNAL COMPONENTS/ ACCESSORIES

#### HEATER

The Hotomatic heater offered with most TURBO TECH models is the perfect choice for a balanced design. Its highly efficient design features adjustable temperature control, high pressure copper coil/exchanger and rapid ignition burner. Regardless of the climate, the operator can adjust the control to obtain optimum results.

#### VACUUM TANK

Heavy gauge tempered aircraft aluminum and anodized to resist corro-

sion, TURBO TECH's structurally reinforced tanks are second to none.

Bottoms are sloped to aid in both draining and cleaning. A stainless steel filter prevents lint and debris from entering the vacuum/blower and an automatic shutdown control safeguards against overfilling.

#### PROPANE TANK

A special propane tank has been engineered for TURBO TECH systems incorporating the Hotomatic heater. A fuel level gauge enables the operator to effectively, schedule work—a real plus for tight work loads.

#### INSTRUMENT PANEL

TURBO TECH has tailor engineered the control panel for each model using heavy-duty controls and instrumentation. Our goal is to put you in control and provide maximum reliability under even the most demanding requirements.















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#### INDUSTRIAL ENGINE

Only field proven state-of-the-art aircooled industrial engines are used in the manufacture of TURBO TECH's self contained models. Crankshafts are balanced to ensure smooth reliable performance and special high volume induction fans maximize cooling of cylinders and cylinder heads.

#### VACUUM/BLOWER

Virtually unbeatable in performance and reliability, positive displacement vacuum/ blowers require little maintenance. High volume air flow ensures rapid cleaning and minimum drying time - an essential factor in tackling flood soaked carpets.

#### HOSË REEL

TURBO TECH's hose reels are first rate and built to last. Features include ball bearing supports, reinforced frame and locking drum. For operator safety, we recommend securing them to the floor of the transporting vehicle.

#### DRIVE COUPLER

The drive coupler employed in TURBO TECH's "Commander" and "Centurion" models delivers smooth torgue to driven components. Vibration is virtually eliminated by a patented rubber isolator drive element which automatically compensates for both vertical and horizontal misalignment of drive shafts.

#### HIGH PRESSURE PUMP

Stainless steel cylinders, permanently lubricated seals, plated manifolds, stainless check-valves and minimal servicing are the primary reasons TURBO TECH incorporated Cat pumps into their designs. Cat pumps are used extensively in the car/truck wash industry under conditions far more demanding than in the carpet cleaning industry. An electric clutch is featured on most models to permit operation of equipment without having a water source attached.

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