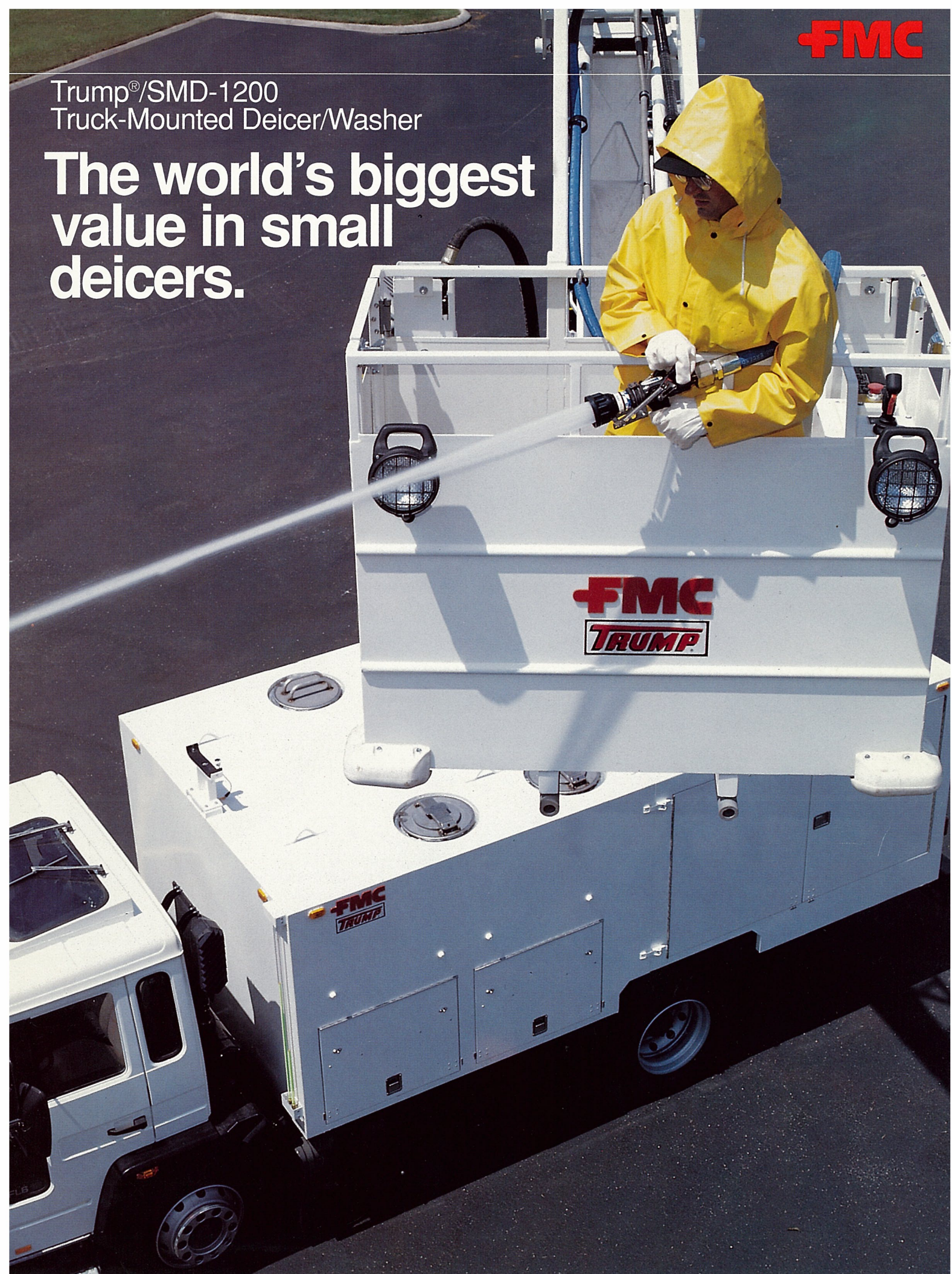


**FMC**

Trump®/SMD-1200  
Truck-Mounted Deicer/Washer

**The world's biggest  
value in small  
deicers.**





# The FMC Trump®/SMD-1200

Modular design makes it the world's biggest value in small deicers.

It takes a innovative concept to put genuine value in a small deicer. And modular design is that kind of concept. FMC's Commander Loader proved it. Design each component system as a bolt-on module, and you maximize flexibility to meet individual needs.

Now this concept comes to FMC's Trump/SMD-1200. A small deicer more than big enough to handle winter's worst. A two-engine small deicer that means you don't have to settle for the limitations of single-engine design. A small deicer that gives you your choice of nearly any chassis, with overseas final assembly where appropriate.

Available with 1200-gallon or 1500-gallon tank capacities, the Trump/SMD-1200 eliminates the compromises that have made small deicers seem small.

## **Premium features without the premium price.**

The Trump/SMD-1200 comes in a broad range of configurations with a wide selection of features. And that gives you something never available in an economical deicer: freedom of choice. You can pick and choose the features you want— and not have to give up anything— without astronomical costs or long delays in delivery.

## **The familiarity of proven Commander technology.**

Throughout the Trump/SMD-1200, you'll find the same proven components used in FMC's Commander Loader. The same electrical relays, switches, and hydraulics. Literally the same power module, in a modified frame. That not only allows commonality in

maintenance and training; it also assures a continuous pipeline of replacement parts, without the seasonal variations that plague most deicers.

## **Unprecedented operational and maintenance ease.**

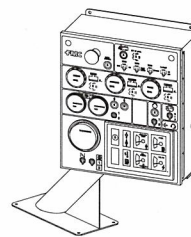
For operators and maintenance personnel alike, the Trump/SMD-1200 is the ultimate "user-friendly" deicer. Its full instrumentation and controls are practically and conveniently positioned inside the cab. Every serviceable component throughout its design has been moved to the perimeter and raised to waist-level—to be genuinely serviceable. And heater and power module are easily serviced in a clutter-free interior maintenance bay.

## **Solid construction for a solid value.**

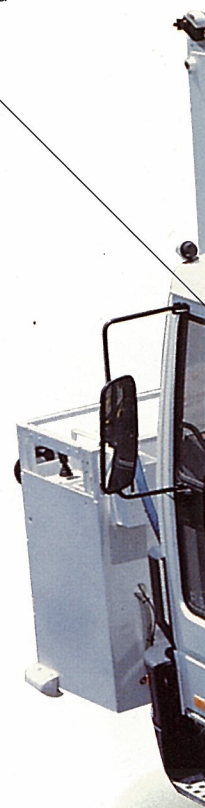
Slam its doors. Step into its basket. Ride its boom. Get the feel of its controls. Everything about the Trump/SMD-1200 looks solid, sounds solid, feels solid. Because its robust construction is solid, simple, stable. From its non-corrosive aluminum body to each weldment and connection, this is a deicer to perform through decades of use— and unavoidable abuse.

## **Up-to-the-minute truly international design.**

In every way, the Trump/SMD-1200 is a global deicer. It has an international 24-volt electrical system, adapts directly to a variety of truck chassis, and meets current global requirements, including the latest European Council directives. And it offers all the latest capabilities. Hot and cold Type II. Type I. Plus, FMC's OptiMax Heat System™. Anywhere it goes, the Trump/SMD-1200 is ready to get to work, right from the start.



**Convenient in-cab instrumentation** provides complete control of heater and power module.



**Ground-level entry basket**, accessible from either side, offers choice of left, right, or center joystick placement; and features an open grip-strut floor to eliminate snow or ice buildup.



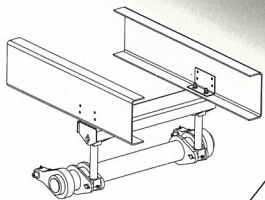
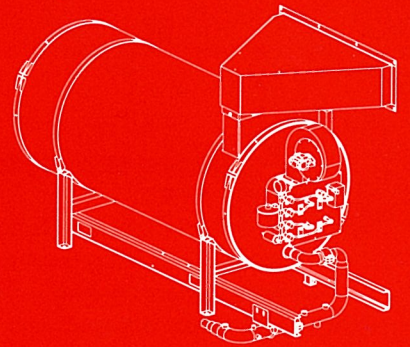
# FMC

## Up-close value—the key to the Trump/SMD-1200

**Three-piece boom** has a 10.4 m (34 ft.) ground-to-basket-floor reach and 7.0 m (23 ft.) side reach, with excellent stability.

**Pressure-balanced and compensated hydraulic system** eliminates belts and provides complete Commander compatibility.

**OptiMax Heat System** provides rapid fluid heating and precise temperature control optimized for deicing needs, with all the benefits of last pass heating.



**Torsion bar module** easily adapts to fit any chassis frame.







# Trump®/SMD-1200 Truck-Mounted Deicer/Washer

## TRUMP/SMD-1200 SPECIFICATIONS

<b>Fluid Tank Configuration</b>	3,800 l (1,000 gal.) deicing fluid 800 l (200 gal.) anti-icing fluid (Other tank divisions available)
<b>Basket Height</b>	12.2 m (40 ft.) working height 10.4 m (34 ft. 4 in.) floor height
<b>Basket Side Reach</b>	7.0 m (23 ft.) from centerline
<b>Boom Rotation</b>	350° (+/- 175° from front position)
<b>Boom Type</b>	Articulated with front ground level basket entry
<b>Heating System</b>	OptiMax Heat System,™ diesel (gasoline available)
<b>Heating Time</b>	Last Pass Heating 85°C (185°F) nozzle temperature in approx 10 minutes (Starting temperature of 0°C)
<b>Fluid Pumps</b>	Positive displacement, rotary diaphragm
<b>Fluid Delivery Systems</b>	Deicing- 225 lpm (60 gpm), 12.5 bar (180 psi) Anti-icing- 95 lpm (25 gpm), 3.5 bar (50 psi) Ground position- 15 m (50 ft.) hose with nozzle, electric rewind
<b>Chassis</b>	Volvo FL614
<b>Chassis Engine</b>	Volvo TD63E turbo charged diesel, 180 hp
<b>Maximum Speed</b>	80 kph (50 mph)
<b>Turing Radius</b>	12.07 m (39 ft. 7 in.) between curbs
<b>Wheelbase</b>	3.40 m (11 ft. 2 in.)
<b>Length, Boom Stowed</b>	8.74 m (28 ft. 8 in.)
<b>Width</b>	2.57 m (8 ft. 5 in.)
<b>Height</b>	3.48 m (11 ft. 5 in.)
<b>Weight, Empty</b>	10,800 kg (23,800 lbs.)
<b>Auxiliary Engine</b>	Perkins 1004-4 (4.01) 4 cylinder diesel, 88 hp
<b>Sound Pressure Levels</b>	75 dB (A), chassis cab drivers seat 76 dB (A), in basket at operator ear height 84 dB (A), ground level boom control station

### Standard Features

- Volvo FL614 diesel chassis.
- Perkins 1004-4 diesel auxiliary engine.
- 4,600 l (1,200 gal.) stainless steel fluid tank.
- Premix deicing system.
- Flow rates up to 225 lpm (60 gpm) at deicing nozzle.
- FMC OptiMax Heating System, diesel fueled.
- Rapid fluid heating with last pass capability.
- Approx. 10 minute fluid preheat time, from 0°C tank to 85°C nozzle temp (32°F to 185°F) at maximum fluid flow rate.
- 24 VDC electrical system, including heater control circuits.
- Controls and instruments inside chassis cab for fluid heater, auxiliary engine, and fluid pump.
- Load sensing, pressure compensated single hydraulic pump.
- Articulated aerial device with front ground level basket entry.
- 12.2 m (40 ft.) boom working height.
- 7 m (23 ft.) boom side reach from centerline.
- 3.3 m (11 ft.) overall vehicle height with boom stowed.
- Single joystick proportional boom control.
- 204 kg (450 lbs.) capacity 2-man steel basket.
- Torsion bar stabilizing system.
- All Aluminum body shrouding.
- Ceotronics headset intercom system with open mikes.
- Hand held main deicing nozzle at basket.
- 15 m (50 ft.) ground hose with nozzle.

### Available Fluid Systems

- Type II premix de/anti-icing (includes stainless steel heater coils).
- Type I premix deicing.
- Cold Type II anti-icing available with either deicing system.
- Each fluid system will be equipped standard with ground level pressure refill ports.

### Available Fluid Tank Configurations

- 4,600 l (1,200 gal.) single heated fluid tank.
- 3,800/800 l (1,000 gal./200 gal.) split for deicing/anti-icing.
- 4,900/800 l (1,300 gal./200 gal.) split for deicing/anti-icing.

### Optional Features

- Backup alarm.
- Deicing fluid tank insulation.
- Suction refiller(s) for deicing and/or anti-icing fluids.
- Refill hose and standpipe assemblies for suction refill from drums.
- Auxiliary engine instrumentation package in chassis cab.
- Fluid meters, single or dual, economy type.
- Fluid meters, single or dual, economy type with printers.
- Fluid level gauges in cab, single or dual.
- Low fluid level warning, single or dual.
- Fluid temperature gauge for fluid temperature at heater outlet.
- David Clark intercom.
- Speed limiter.
- Electric hydraulic pump.
- Boom overload warning and lift inhibit.
- Side protection bars.
- Undercoating.
- Automatic fire extinguisher system.
- Interlock chassis parking brakes with emergency stop buttons.
- Winterization for auxiliary engine.
- Turret mounted main deicing nozzle at basket.

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