



cmatic®

## TRANSPORTATION LINES

**Fittings &  
accessories for  
Vehicle applications**

**cmatic**  
www.cmatic.it

Commercial and heavy duty vehicles are today more than ever a strategic market segment. From the small and mid-sized vehicles like mini pickups, utility vans, minibuses to heavy duty's, like cement mixers, tour buses, fire trucks, dump vehicles just to name a few, are today a strategic, continuously growingly market segment.

Roads, weather as well as environmental conditions are in many cases a real challenge for transportation where all systems and components are subject to harsh conditions such as extreme temperatures, dirt or corrosive environments, exposure to high mechanical loads or vibrations. On the other hand reliability and durability are must have features now more than ever.

Cmatic is able to guarantee efficiency, cost effectiveness and reliability within this market segment with a range of fittings for air brake systems, certified by TÜV and developed according to DIN 74324:1996, DIN EN ISO 9227:2017 and 60068-2-6:2008. The highly technical features of this product range make it the right choice to provide high performances in though conditions and guarantee durability in time.

## Pneumatic Fittings for Vehicle Applications

**MT push-in fittings:** a hassle-free, ready to use push-in fitting made of brass offers great resistance to high stress areas and temperature variations. To choose an MT push-in fitting means to avoid any risk of accidental tube disconnection since the tube release is possible only by means of the TREL tool, moreover, protection against dust, dirt or whatever may affect the fitting performance is guaranteed by an EPDM cap.

**RT standard fittings:** robust construction features; orientable for assembly purposes but then rigid once tightened to avoid unnecessary movements of the tubing while in transit.

**VT function fittings:** a drain valve and a pressure test point is all it takes to make your journey an easy ride.

**PT push-in fittings:** a range of push-in fittings in imperial sizes compliant with the U.S. DOT - Department of Transportation - FMVSS §517.106 and the SAE J2494-3 standards.

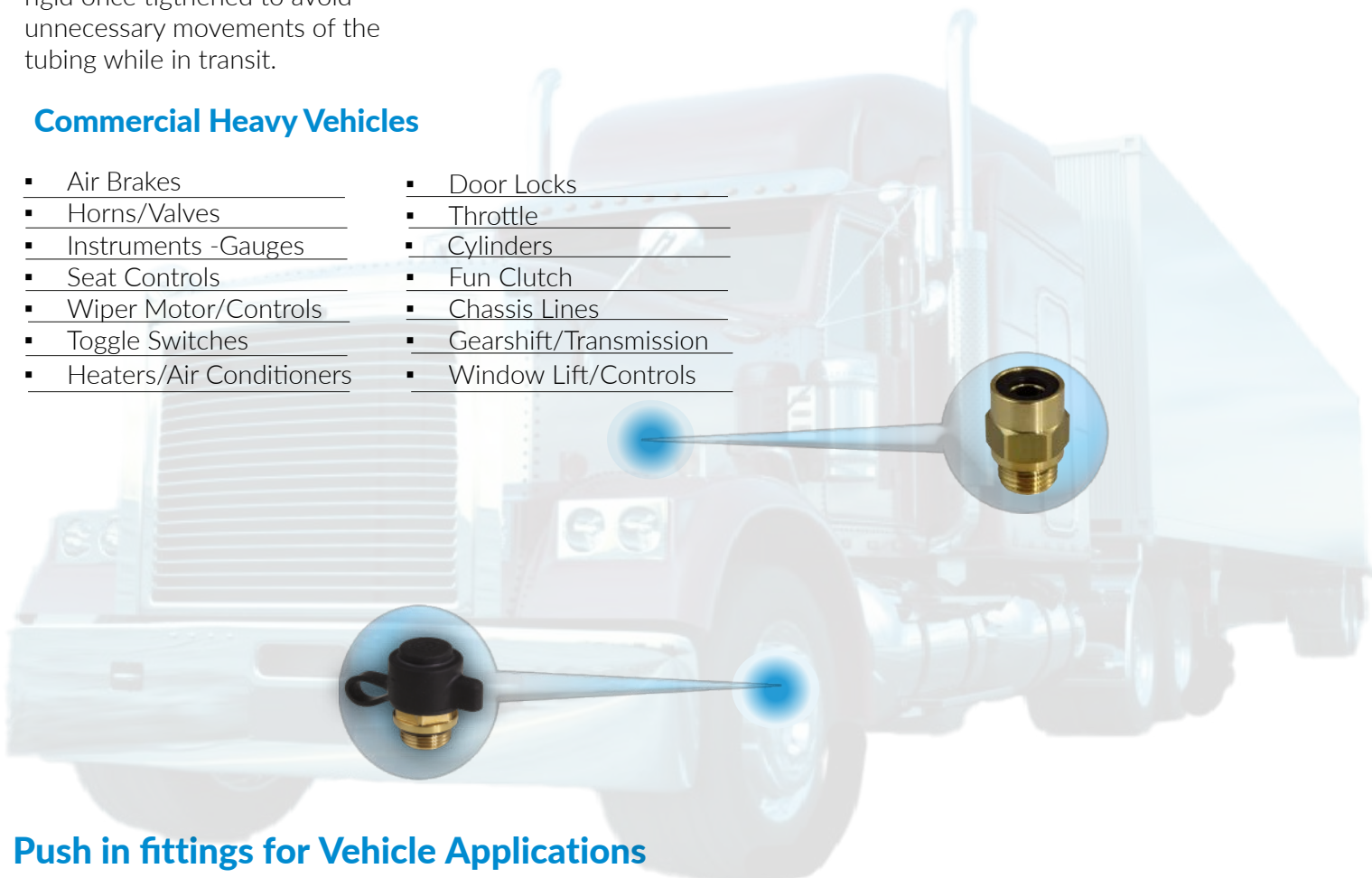
Our sales team along with our R&D department are closely following up with each end user's special needs and are ready to meet new requirements that might make assembly even easier.

On top of air brake systems there is a variety of other spots on commercial vehicles where pneumatics is needed such as seat adjustments or a sliding tarp system. As a result, there could be a considerable number of pneumatic connections that during maintenance or trailer switches must be disconnected. Cmatic offers the **CO line**, multiple connectors that with a simple lever movement allows to connect up to 24 tubes at a time. More products available:

- MT disconnecting tool
- DIN 74324 tubing
- Tube cutter

### Commercial Heavy Vehicles

- |                            |                          |
|----------------------------|--------------------------|
| ▪ Air Brakes               | ▪ Door Locks             |
| ▪ Horns/Valves             | ▪ Throttle               |
| ▪ Instruments -Gauges      | ▪ Cylinders              |
| ▪ Seat Controls            | ▪ Fun Clutch             |
| ▪ Wiper Motor/Controls     | ▪ Chassis Lines          |
| ▪ Toggle Switches          | ▪ Gearshift/Transmission |
| ▪ Heaters/Air Conditioners | ▪ Window Lift/Controls   |



### Push in fittings for Vehicle Applications

Imperial sizes: complying with DOT FMVSS §571.106, SAE J2494-3 and SAE J1131

Metric sizes: complying with DIN 74324:1996, DIN EN ISO 9227:2017 and 60068-2-6:2008

## Pneumatic Fittings for Vehicle Applications

MT Line: Push-in Fittings for Air Brake Systems



RT Line: Standard Fittings for Air Brake Systems



VT Line: Function Fittings for Air Brake Systems



PT Line: DOT Push-in Fittings, Inch/NPT



CO Line: Multiple Connectors



Tools for Transportation



cmatic®