

PIUSI
®

Fluid Handling Innovation

DELPHIN PRO

INTRODUCTION

The PIUSI Delphin (current version) has been the first professional system designed for garages and service stations to transfer AdBlue to the new Euro VI passenger cars equipped with SCR exhaust system.

That was just the beginning.

PIUSI research and development activities didn't stop and we followed the market trends and evolutions, working side by side with the most important Car manufacturer and Car dealers to get closer and, in some cases, even anticipating their needs.

The result will be officially presented at AUTOMECHANIKA 2016 Fair in Frankfurt – PIUSI DELPHIN PRO will set a new standard in this field, boosting performances of its predecessor up to a new level and representing the ultimate solution to transfer AdBlue to passenger cars in the most safe, clean and quick way – reducing the user tasks to a simple operation, as simple as pressing a button.

1_ A unique product for every refilling needs

The Delphin Pro is the result of a team of more than 30 people and the Piusi know-how gained thanks to more than 400.000 AdBlue dispensers installed all around the world



The product has been designed after a comprehensive test matrix considering all the types of car tanks available on the market (picture from our testing room)

2_Completely closed system



PIUSI first target in the development was the respect of the security and hygienic norms of the work environment, to guarantee to the user a safe, friendly and clean solution.

Delphin PRO has been equipped with a vapor collecting system that prevent exhausting gas** in the workshop or in the car

** Vapor pressure measured at the upper level of AdBlue

T[°C]	Pressione _{exp} [hPa]
20.08	23.0
30.26	41.1
40.19	70.6
55.18	150.3
70.26	306.9
85.21	609.8
100.21	1182.2

The value must be multiplied with a correction factor by 2,53 due to air stripping while use

3_ Universal ISO connector

The connector has been developed to be suitable with all the car filling caps.

Our tests covered a huge number of car models from different producer.

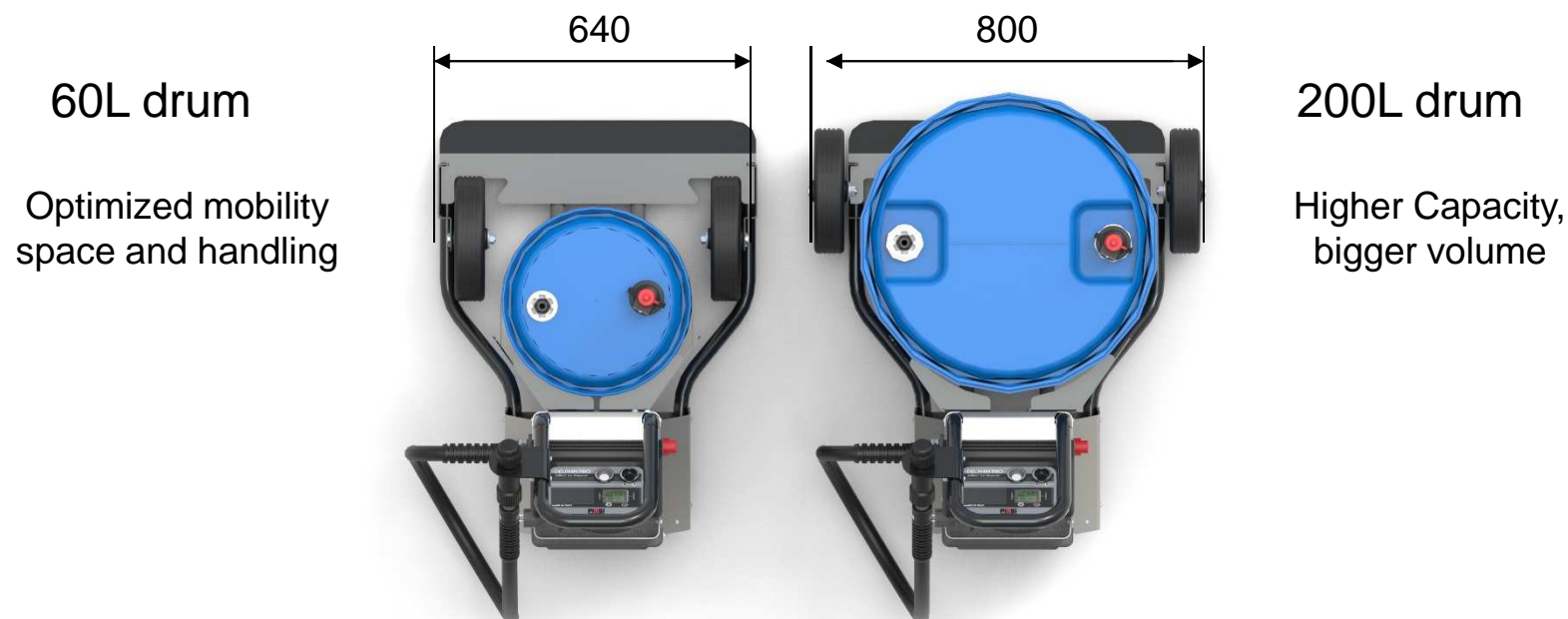
The AdBlue filling point can be placed in different part of the car, our solution fits all.



4_ Two products in one 60l / 200l

The Delphin PRO trolley can be modified to hold a 60 liter drum or a 200 liter drum.

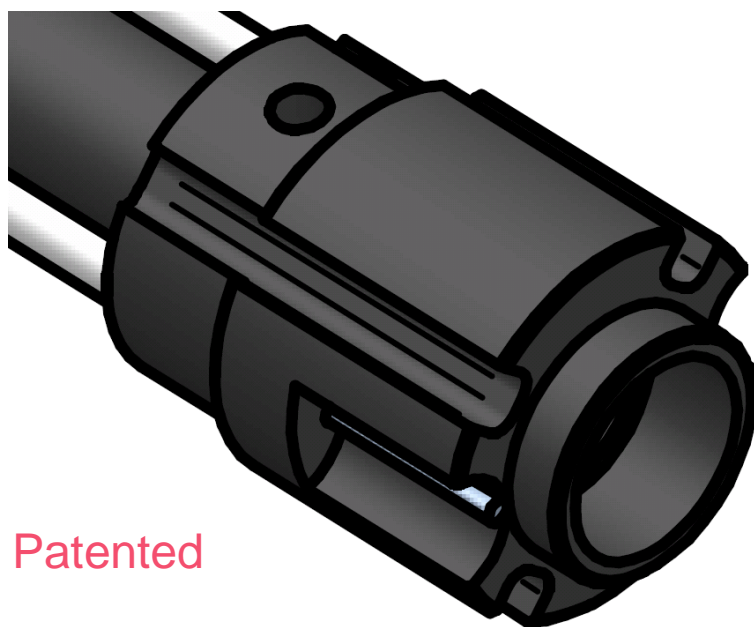
The configuration can be easily changed just replacing the wheels position as picture hereunder:



5_Self cleaning sensor

The reliability , safety , and usability of an AdBlue dispenser for passenger cars strongly depends on the sensor quality.

The PIUSI **patented solution** developed for Delphin PRO assures the cleanness of the sensor without any maintenance



Patented

ION exchange system
to
avoid crystallization

6_Fully automatic

The product is very simple and intuitive, cutting the operation timing down to a few seconds only.

Digital flow meter to check the quantity delivered.



ON/OFF button



The entire process is automatic and no risks to overflow thanks to the PIUSI patented filling sensor that stops the flow AUTOMATICALLY



Adjustable flow rate, from 5 to 11 lt/min

7_PIUSI branded product

The Delphin Pro is produced by PIUSI, the leading Brand in the field of AdBlue transfer systems.

Since 2006 more than 400.000 refilling stations for Adblue have been installed in every part of the World.



7 PLUS to set the difference



- 1_ A unique product
- 2_ Completely closed system
- 3_ Universal ISO connector
- 4_ Two products in one 60/200 Lt
- 5_ Self cleaning Patented sensor
- 6_ Fully automatic
- 7_ PIUSI branded product