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ADAST GROUP

PRODUCTS

DEVELOPMENT, PRODUCTION AND SUPPLY OF TECHNOLOGIES FOR PUMPING, MEASURING AND DISPENSING OF LIQUID AND GASEOUS FUELS

Since 1962

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Table of Contents

Go to the Products Portfolio


https://www
www.adast.group
ADAST SYSTEMS
ADAST ENGINEERING
ADAST BLUE
ADAST FINANCIAL SERVICES
ADAST
SINCE 1961
HOME
ABOUT US
HISTORY
CONTACT
ADAST systems
ADAST engineering
ADAST Global s.r.o

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INTRODUCTION

Adast Systems, a.s. is a European manufacturer of fuel dispensers with a full production cycle in the Czech Republic.
Our products are widely known outside the Czech Republic. more than 80% of products are exported under the ADAST Brand.
An important part of the production program is also accessories for filling stations, such as inflators, vacuum cleaners and flame arresters. Traditional production from Adamov has been presented on the international market under the ADAST brand since 1962.


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ADAST
systems
Tenza
P
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History of ADAMOV and its industrial background

701-1200

From the 8th to the 12th centuries, iron foundries worked on a vast territory, processing local deposits of limonite ores.

1679

The village of Adamov was named after John Adam Andrew Lichtenstein, and the name Adamov can be found in documents dating back to 1679.

1743

In 1746, a smelter with a blast furnace "Františka" was founded here.

1888-1889

In 1888–1889, the first automobile in Austria-Hungary was built here.

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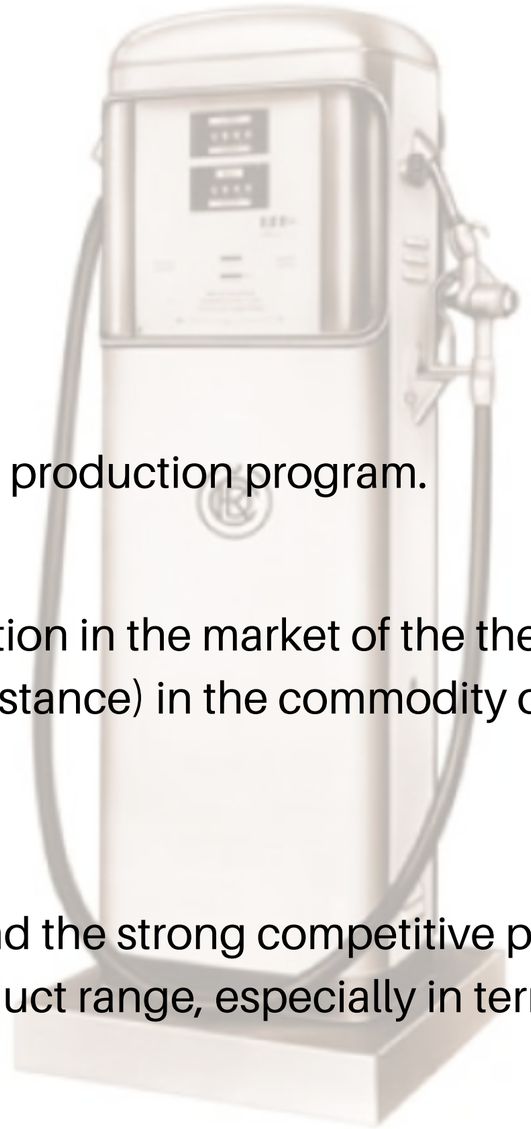
History of the company since 1924



1924

The historical roots of Adast Systems' current production program.

From the 60s to the 80s

The ADAST brand achieved a dominant position in the market of the then Comecon (Council for Mutual Economic Assistance) in the commodity of petrol and diesel dispensers.

1989

The change in the economic environment and the strong competitive pressure have triggered the need to innovate the product range, especially in terms of ecology and the use of electronics.

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Early 90s

Expansion in the gas station construction industry.

1991

In the period from 1991, our company participated in the construction and reconstruction of more than 1,900 fuel stations in the Czech Republic and the Slovak Republic.

1993

The modern history of the company started when ADAST - SYSTEMS a.s. was established as a subsidiary of the company Adamovské strojírny a.s.

2003

The change of owners of ADAST-SYSTEMS a.s. brought with it a change of the company name to ADAMOV-SYSTEMS, a.s.

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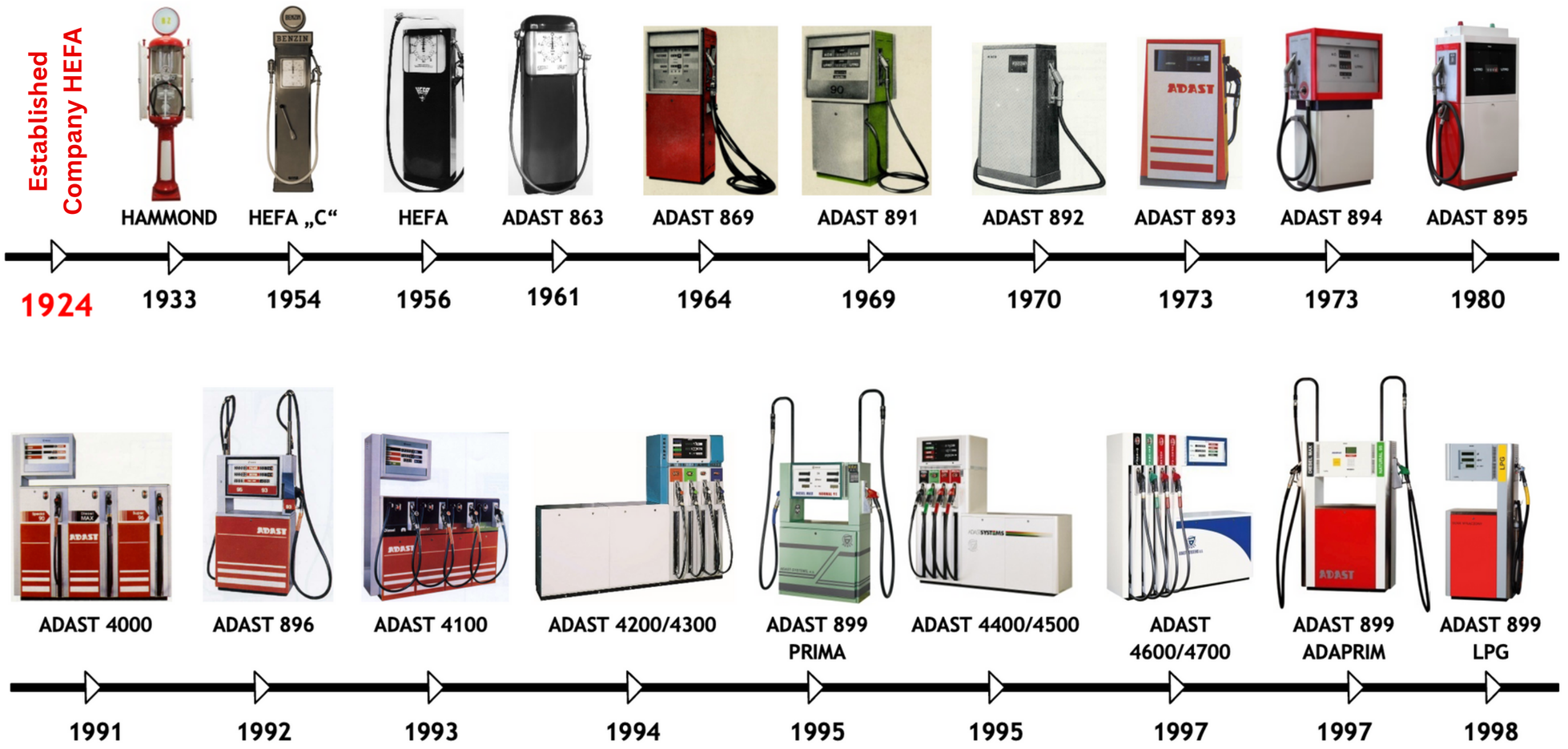

Our experience - 62 years in the production of measuring equipment for fuel dispensing

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ADAST 899 CNG

2003

V-line MAJOR

2005

V-line POPULAR

2005

V-line MINOR

2005

V-line MAJOR HYBRID LPG

2006

V-line POPULAR LPG

2006

V-line MINOR LPG

2006

V-line MAJOR AdBlue®

2006

V-line MAJOR BIO

2007

ADAST MAJOR

2008

ADAST POPULAR

2008

ADAST POPULAR LPG

2008

ADAST MINOR

2008

ADAST MINOR LPG

2008

ADAST MAJOR CNG

2008

ADAST MAJOR HYBRID CNG

2008

ADAST MAJOR AdBlue®

2008

ADAST MAJOR OIL

2010

ADAST MAJOR ECO

2012

ADAST MAJOR HYBRID AdBlue®

2018

ADAST MAJOR CNG ADAMAT/ EMV

2003-2018

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2021-2023
Modern designs ADAST V-line 2.0

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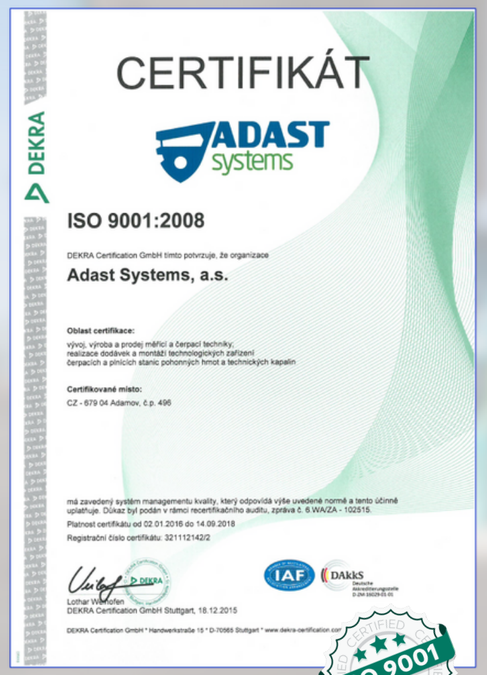
Our Certificates



CERTIFIKÁT

DEKRA

ADAST systems

ISO 9001:2008

DEKRA Certification GmbH tímto potvrzuje, že organizace

Adast Systems, a.s.

Oblast certifikace:

vývoj, výroba a prodej měřicí a čerpací techniky;
realizace dodávek a montáží technologických zařízení
čerpacích a plnicích stanic pohonných hmot a technických kapalin

Certifikované místo:

CZ - 679 04 Adamov, č.p. 496

má zavedený systém managementu kvality, který odpovídá výše uvedené normě a tento účinně uplatňuje. Důkaz byl podán v rámci recertifikačního auditu, zpráva č. 6.WAZA - 102515.

Platnost certifikátu od 02.01.2016 do 14.09.2018

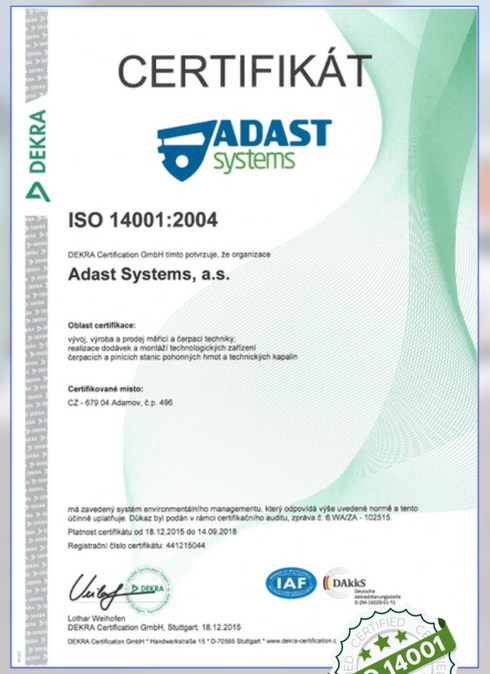
Registrační číslo certifikátu: 321112142/2

Lothar Weihofen
DEKRA Certification GmbH Stuttgart, 18.12.2015

DEKRA Certification GmbH * Handwerkstraße 15 * D-70565 Stuttgart * www.dekra-certification.com

IAF DAkkS

ISO 9001



CERTIFIKÁT

DEKRA

ADAST systems

ISO 14001:2004

DEKRA Certification GmbH tímto potvrzuje, že organizace

Adast Systems, a.s.

Oblast certifikace:

vývoj, výroba a prodej měřicí a čerpací techniky;
realizace dodávek a montáží technologických zařízení
čerpacích a plnicích stanic pohonných hmot a technických kapalin

Certifikované místo:

CZ - 679 04 Adamov, č.p. 496

má zavedený systém environmentálního managementu, který odpovídá výše uvedené normě a tento účinně uplatňuje. Důkaz byl podán v rámci certifikačního auditu, zpráva č. 6.WAZA - 102515.

Platnost certifikátu od 18.12.2015 do 14.09.2018

Registrační číslo certifikátu: 441215044

Lothar Weihofen
DEKRA Certification GmbH, Stuttgart, 18.12.2015

DEKRA Certification GmbH * Handwerkstraße 15 * D-70565 Stuttgart * www.dekra-certification.com

IAF DAkkS

ISO 14001

CERTIFIKÁT

TÜV SÜD Czech

evidenční číslo 05.731.202, revize č. 1

o posouzení systému jakosti (modul D) podle směrnice 97/23/ES provedené zákonem č. 22/1997 Sb. v platném znění a NV č. 26/2003 Sb. v platném znění vydaný výrobci:

Adast Systems, a.s.
Adamov 496
CZ - 679 04 Adamov
IČ: 46995919

Posouzení systému jakosti bylo provedeno pro rozsah výrobků:

Nadzemní kompaktní čerpací stanice LPG
Výdejní stojan na stlačený zemní plyn (CNG)

Tímto osvědčujeme, že systém jakosti splňuje požadavky

směrnice Evropského parlamentu a Rady 97/23/ES, modul D

provedené zákonem č. 22/1997 Sb. v platném znění a NV č. 26/2003 Sb. v platném znění.

Podrobnosti o závěrech posuzování jsou uvedeny v Auditní zprávě ev. č. 06.710.964 ze dne 15.07.2013, která je nedílnou součástí tohoto certifikátu.

Tento certifikát se vydává pro účely vydání ES Prohlášení o shodě tlakových zařízení dle výše uvedeného rozsahu a jejich označování značkou CE s připojeným identifikačním číslem notifikované osoby tak, jak je vyobrazeno níže:

CE 1017

Tento certifikát má platnost do: **28.06.2015**

Tento certifikát je revizí certifikátu č. 05.731.202, který byl vydán 28.06.2012.

V Praze, dne 15.08.2013

za Notifikovanou osobu 1017
Jana Bačinová
vedoucí útvaru certifikací

TÜV SÜD Czech s.r.o. ● Novodvorská 994 ● 142 21 Prague 4 ● Czech Republic ● certification@tuv-sud.cz

TÜV SÜD

FTZÚ Ex

Fyzikálně technický zkušební ústav
Ostrava-Radvanice

OZNÁMENÍ O ZABEZPEČOVÁNÍ JAKOSTI

(1) (2) **Zařízení nebo ochranné systémy určené pro použití v prostředí s nebezpečím výbuchu podle Směrnice 94/9/EC (NV 23/2003 Sb.)**

(3) Číslo oznámení:

FTZÚ 02 ATEX Q 020
(5. vydání)

(4) Skupina výrobků:
Výdejní stojany pohonných hmot, komponenty s typem ochrany – pevný závěr „d" a protiexplozní pojistky – ochranný systém

(5) Žadatel: **Adast Systems, a.s.**, Adamov č.p.496, 679 04 Adamov

(6) Výrobce: **Adast Systems, a.s.**, Adamov č.p.496, 679 04 Adamov

(7) Fyzikálně technický zkušební ústav, notifikovaný orgán č. 1026 podle článku 9 směrnice Rady 94/9/EC z 23. března 1994, oznamuje žadateli, že systém jakosti výrobce zařízení splňuje požadavky přílohy IV a VII směrnice.

(8) Toto oznámení se vydává na základě protokolu z auditu č. FTZÚ 02/ATEX/020 vydaného dne 17.06. 2014 a prodlužuje platnost předchozího oznámení, vydaného dne 27.06. 2011.

Toto oznámení může být zrušeno, pokud výrobce již dále nebude plnit požadavky uvedené v příloze IV a VII směrnice.

Výsledky periodických dozorových auditů systému jakosti jsou součástí tohoto oznámení.

(9) Toto oznámení platí do **30. června 2017** a může být zrušeno, pokud výrobce nevyhoví při periodickém dozorovém auditu.

(10) Podle článku 10(1) směrnice 94/9/EC musí být označení CE doplněno identifikačním číslem 1026, které označuje FTZÚ jako notifikovaný orgán zapojený do kontroly výrobního procesu.

Odpovědná osoba:
Ing. Lukáš Martinák
pověřený zástupce ředitele

Datum vydání: 01.07.2014

Strana 1/2

FTZÚ Ex

Český metrologický institut
Notifikovaná osoba č. 1383, Okružní 31
638 00 Brno

CERTIFIKÁT O SYSTÉMU MANAGEMENTU JAKOSTI
číslo: 0119-SJ-C007-07
Revize 2
PRO VÝROBU, VÝSTUPNÍ KONTROLU A ZKOUŠENÍ
podle přílohy č. 2, postupu D, NV č. 464/2005 Sb.

Vydává: **Český metrologický institut**
Okružní 31
638 00 Brno
Česká republika
Notifikovaná osoba č. 1383

Na základě: výsledku posouzení systému managementu jakosti výroby, výstupní kontroly a zkoušení měřicích systémů pro kontinuální a dynamické měření množství kapalin jiných než voda, provedeného v souladu se zákonem č. 22/1997 Sb., o technických požadavcích na výrobky v platném znění, nařízením vlády č. 464/2005 Sb. (dále jen NV), kterým se stanoví technické požadavky na měřidla a které implementuje v České republice Směrnici Evropského parlamentu a Rady 2004/22/ES.

Žadatel (výrobce): **Adast Systems, a.s.**
Mírová 2
679 04 Adamov
Česká republika
IČ: 46995919

Způsobilost pro: **prohlašování shody s typem založené na zabezpečování jakosti výroby měřidel dle přílohy č. 2, postupu „D" (kap. 6) NV.**

Pro:

Měřidlo	Typ	č. certifikátu ES přezkoušení typu
Výdejní stojany na kapalná paliva	V-line 899x.xxx, V-line 46xx.xxx V-line 47xx.xxx	TCM 141/07 – 4505
Výdejní stojany na tlakem zkapalněné plyny	V-line 899x.xxx/LPG V-line 47xx.xxx/LPG	TCM 141/07 – 4506
Výdejní stojany na AdBlue	V-line AdBlue 47xx.xxx	TCM 141/07 – 4518

Grafická podoba zabezpečovací značky v provedení jako:

samolepicí štítek ADAST QC 10 plomba

Nedílnou součástí tohoto certifikátu jsou Zásady pro užívání certifikátu.

Datum vydání: 27.11.2009

RNDr. Pavel Klenovský
notifikovaná osoba č.1383

ČMI

Go to the Website

Products Categories

ADAST
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- Classic fuel dispensers liquid fuel
- BioCNG & CNG systems
- HYBRID systems
- LPG systems
- Mobile emergency gas station (SOS)
- AdBlue systems
- Vacuum cleaners and compressors
- Dispensers for windshield washer
- Accessories for gas stations

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CLASSIC FUEL DISPENSERS

LIQUID FUEL

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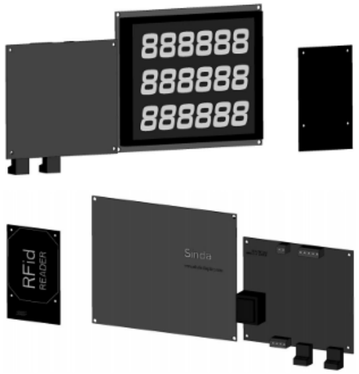
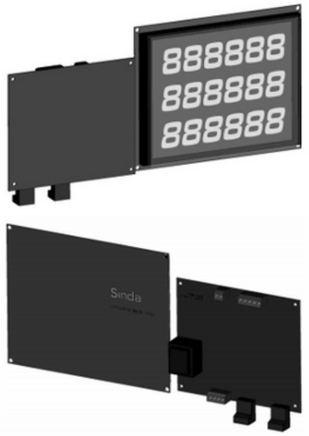
ADAST E-LINE BASIC

- An economical variant of the dispenser, is used primarily for installation on private filling stations and vehicle operations parks. Suction and pressure system.



V-line 8991.6x7 BASIC RFID



V-line 8991.6x6 BASIC

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ADAST E-LINE BASIC

- Specifications

Fuels number	1
Nozzles number	1
Max. flow rate	40 - 80 l/min
Hose distance	from 4 to 6 m
Dimensions (Length∗Width∗Height)	510 x 410 x 1400 (mm)

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V-LINE MINOR

- Profitable small dimensions with great output. Suction and pressure system.This dispenser is designed to dispense liquid fuels - gasoline, diesel, biodiesel B 10 to B 100 - diesel-FAME blends and gasoline-ethanol blends (E 10 to E 85).

MODELS	8991.6x3	8997.6x3	8991.6x4	8997.6x4
Maximum flow rate				
40 l/min	YES	NO	YES	NO
60 l/min	YES	NO	YES	NO
70 l/min	NO	YES	NO	YES
80 l/min	NO	YES	NO	YES

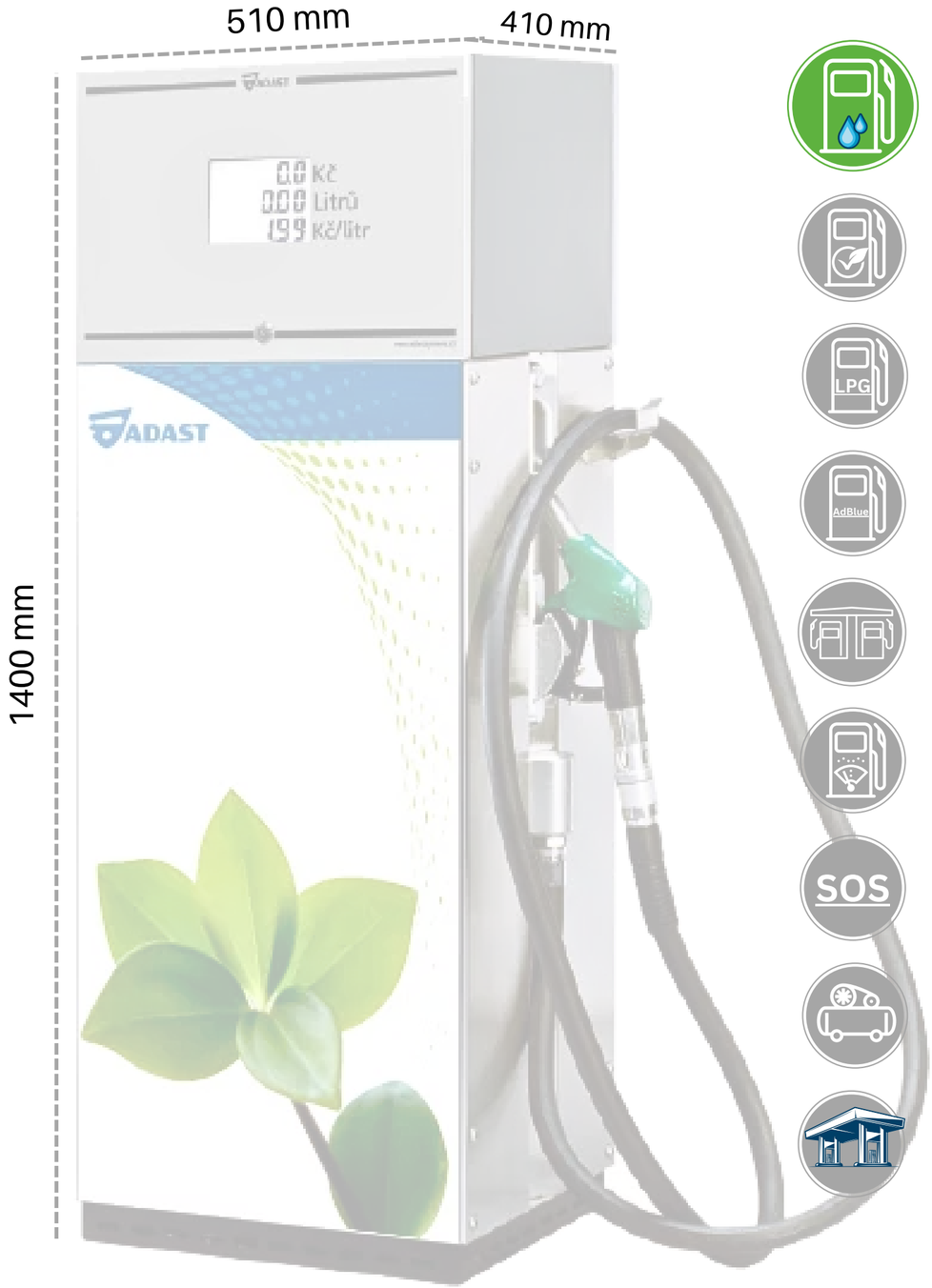
V-line 8991.6x3

www.adast.group

V-LINE MINOR

- Specifications

Fuels number	1
Nozzles number	1
Max. flow rate	from 40 to 80 l/min
Hose distance	from 4 to 6 m
Dimensions (Length∗Width∗Height)	510 x 410 x 1400 (mm)



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V-LINE MINOR CARD

- Fuel dispenser ADAST MINOR with a payment terminal is intended for nonpublic fuel delivery. Besides functions connected with acceptance of local cards/chips it also takes over all distributor´s electronic counter functions.

MODEL	8991.683
Maximum flow rate	
40 l/min	YES
60 l/min	YES
70 l/min	NO
80 l/min	NO

V-line 8991.683

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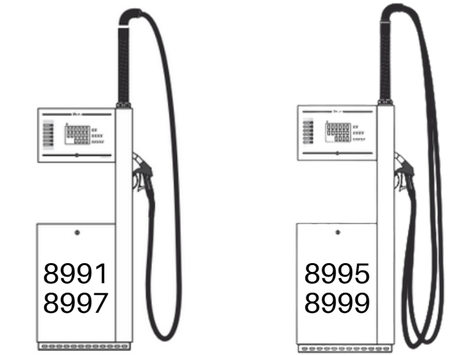
V-LINE POPULAR (PS)

- Excellent rate operation / price. Fuel dispenser with a hose on the spring hanger. Suction and pressure system.
- Integrated hydraulic unit
- ATC system - automatic thermal compensation

Fuels number	1 -2
Nozzles number	1 - 2
Max. flow rate	from 40 to 80 l/min
Hose distance	from 4 to 6 m
Dimensions (Height)	1600 (mm)



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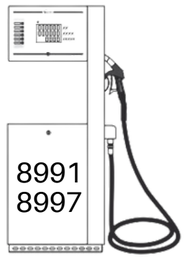
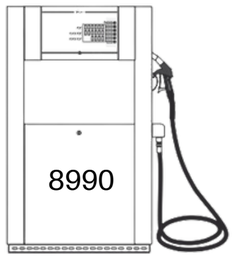
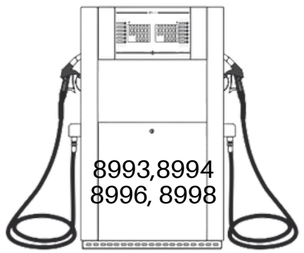
V-LINE POPULAR (HOS)

- Excellent rate operation / price.
- Fuel dispenser with a hose on the dispenser side wall.
- Suction and pressure system.

MODELS	8990	8993	8994	8996	8998
Nozzles number					
40 l/min	-	2	2	1	-
80 l/min	-	-	-	1	2
110, 120,130, 150, 170 l/min	1	-	-	-	-







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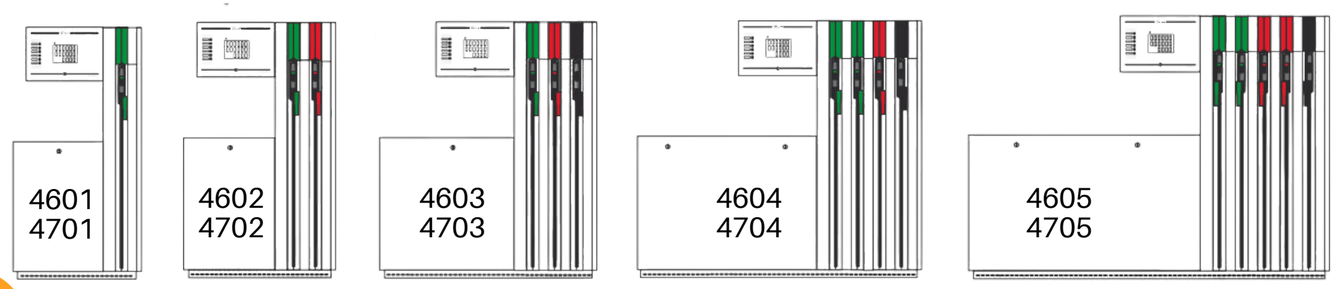
ADAST MAJOR R

- Maximum effectiveness and operation. Fuel dispenser with hoses automatic winding. Suction and pressure system.

MODELS	4601	4602	4603	4604	4605
Length (mm)	840	980	1400	1820	2240



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ADAST MAJOR R

- Specifications

- ATC (Automatic Temperature Compensation) system - certified to OIML R 117-1, WELMEC 10.4
- ADP/T electronic control unit with single-chip microcontroller to control all functions of the dispenser.

Fuels number	from 1 to 5
Nozzles number	from 1 to 10
Max. flow rate	from 40 to 110 l/min
Hose distance	5,3 m
Dimensions (Height)	1650 mm

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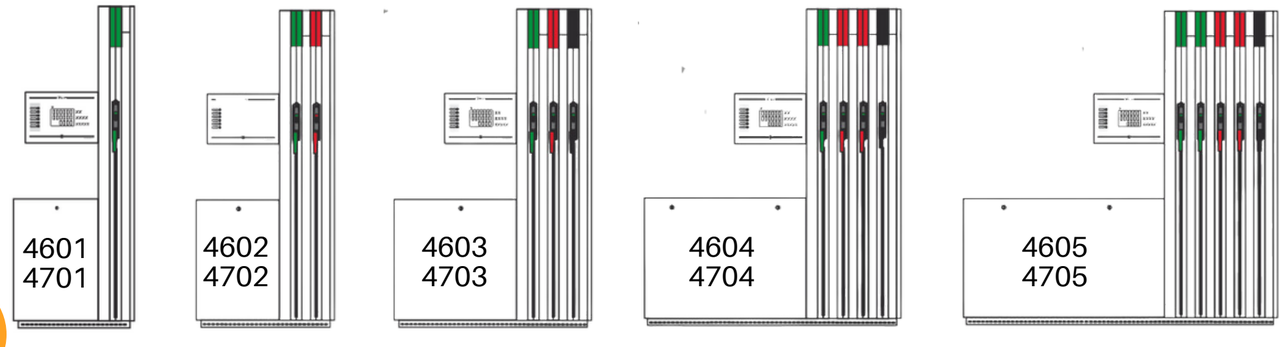
ADAST MAJOR H

- Maximum effectiveness and operation.
- Fuel dispenser with hanging hoses.
- Suction and pressure system.

MODELS	4601	4602	4603	4604	4605
Length (mm)	840	980	1400	1820	2240



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ADAST MAJOR H

- Adast Major meets the high demands for ease of installation, simple operation and maintenance, economical operation and operational reliability in standard and extreme climatic conditions. The dispensers are designed for dispensing liquid fuels - gasoline, diesel, biodiesel B 10 to B 100 - blends of diesel with FAME , blends of gasoline with ethanol (E 10 to E 85).

Fuels number	from 1 to 5
Nozzles number	from 1 to 10
Max. flow rate	from 40 to 110 l/min
Hose distance	3,5 m
Dimensions (Height)	2250 mm

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ADAST SATELLITE DISPENSER

- V-line Z 259 satellite dispenser is connected to ADAST MINOR, POPULAR, MAJOR dispenser.
- Flow rate Suction system 40, 60, 70, 80, 110 l/min
- Flow rate Pressure system 40, 60, 70, 80, 110, 120, 130,150 l/min.
- Hanging hose
- Temperature range -40 to +60 °C
- Designed to dispense gasoline, diesel fuel, kerosene and alternative fuels - biodiesel from B10 to B 100, bioethanol from E 10 to E 85.
- ATEX certification

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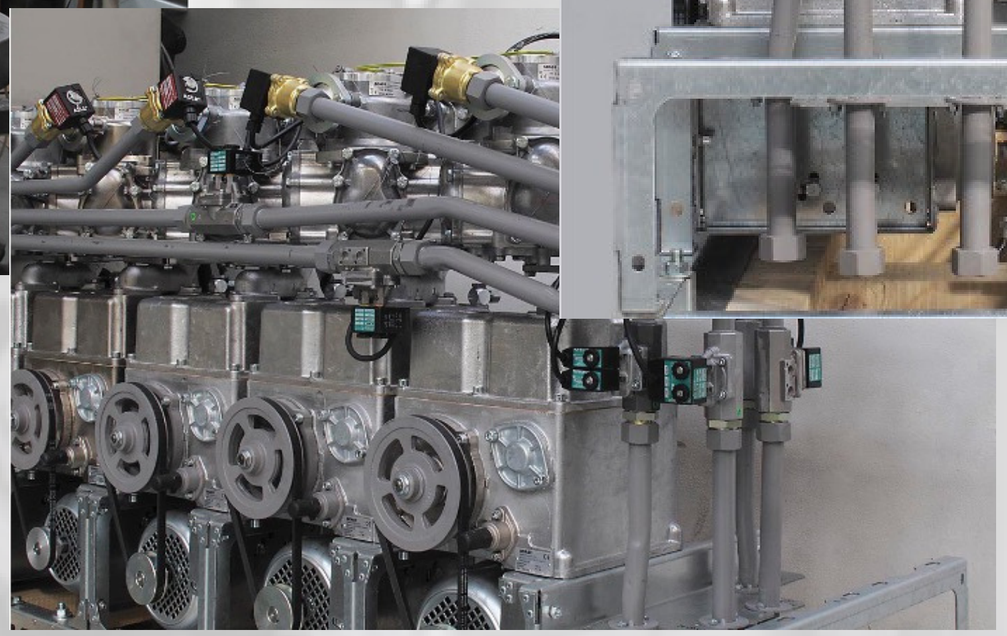
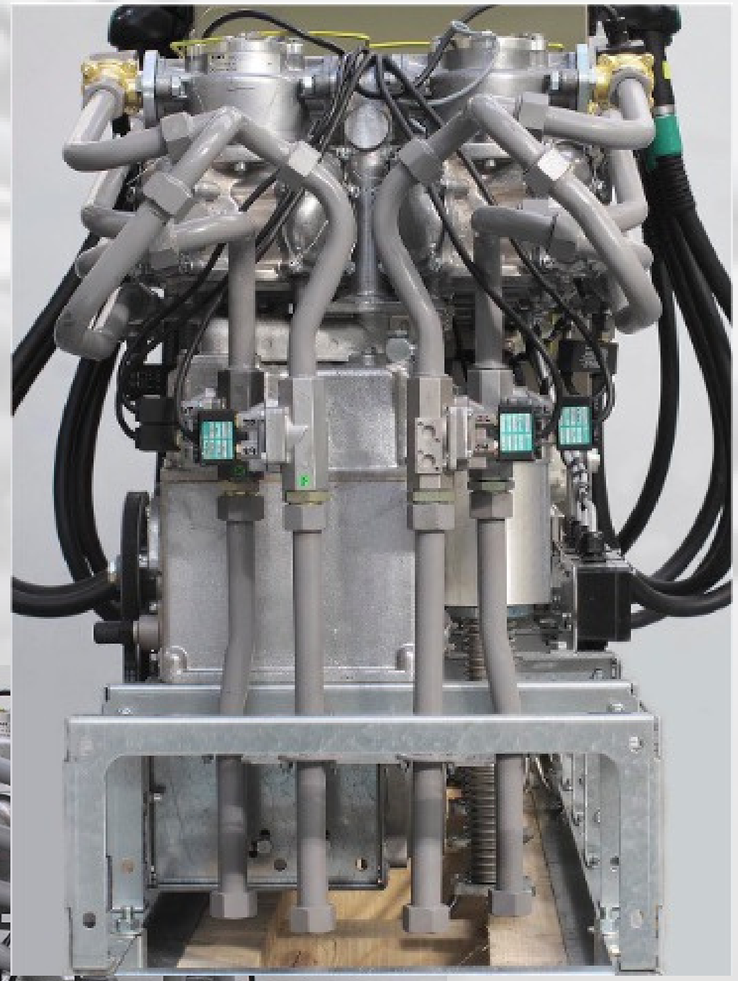
ADAST MAJOR HYDRAULICS





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ADAST COMPACT DIESEL 5000 / 9000 FM

- The compact dispensing facilities for storage and dispensing of diesel oil and biodiesel, which allows an easy installation, simple operation, maintenance, economic operation and operational reliability in the standard and in extreme climatic conditions having a capacity of 5 000 / 9 000 l.

MODELS	FM 5000	FM 9000
Capacity	5000 l	9000 l
Dimensions (Length*Width*Height)	2850 x 2730 x 2340 mm	3280 x 2480 x 2950 mm

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RNG BIOGAS

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ADAST BIOGAS

- Biogas is produced after organic materials (plant and animal products) are broken down by bacteria in an oxygen-free environment, a process called anaerobic digestion. Biogas systems use anaerobic digestion to recycle these organic materials, turning them into biogas, which contains both energy (gas), and valuable soil products (liquids and solids).

ADAST RNG
(RENEWABLE NATURAL GAS)

- Renewable natural gas (RNG) is a pipeline-quality gas that is fully interchangeable with conventional natural gas and thus can be used in natural gas vehicles. RNG is essentially biogas (the gaseous product of the decomposition of organic matter) that has been processed to purity standards. Like conventional natural gas, RNG can be used as a transportation fuel in the form of compressed natural gas (**CNG**) or liquefied natural gas (**LNG**). RNG qualifies as an advanced **biofuel** under the Renewable Fuel Standard.

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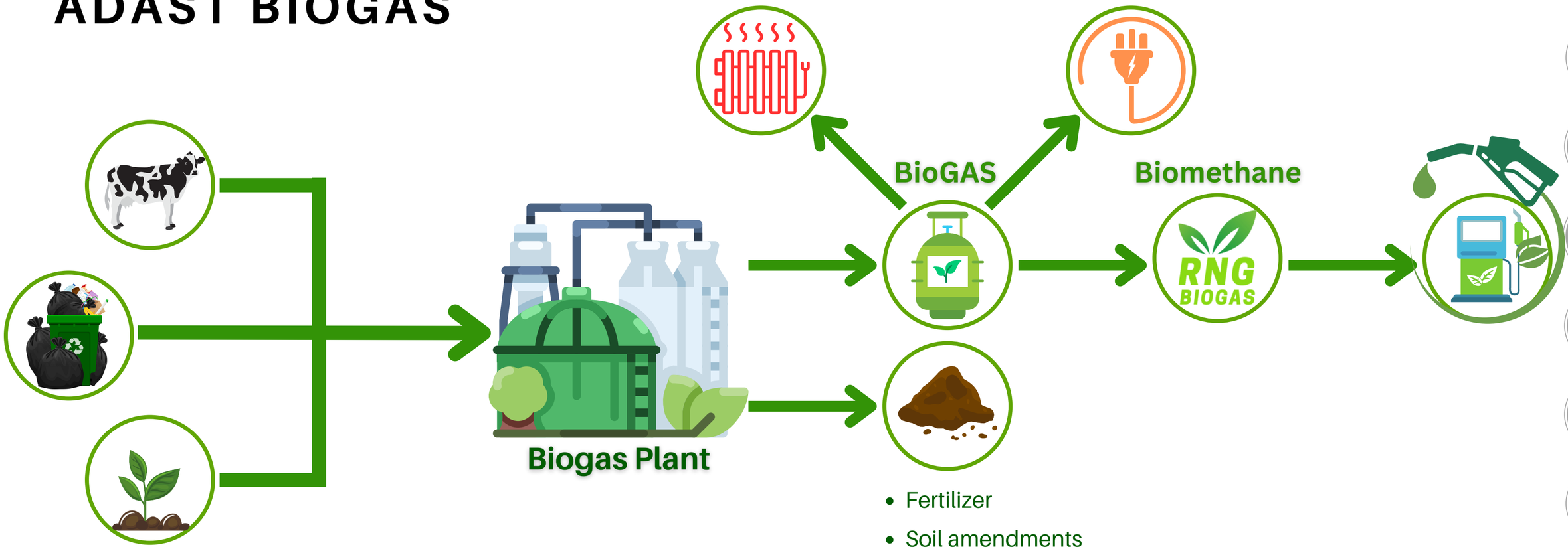
ADAST BIOGAS



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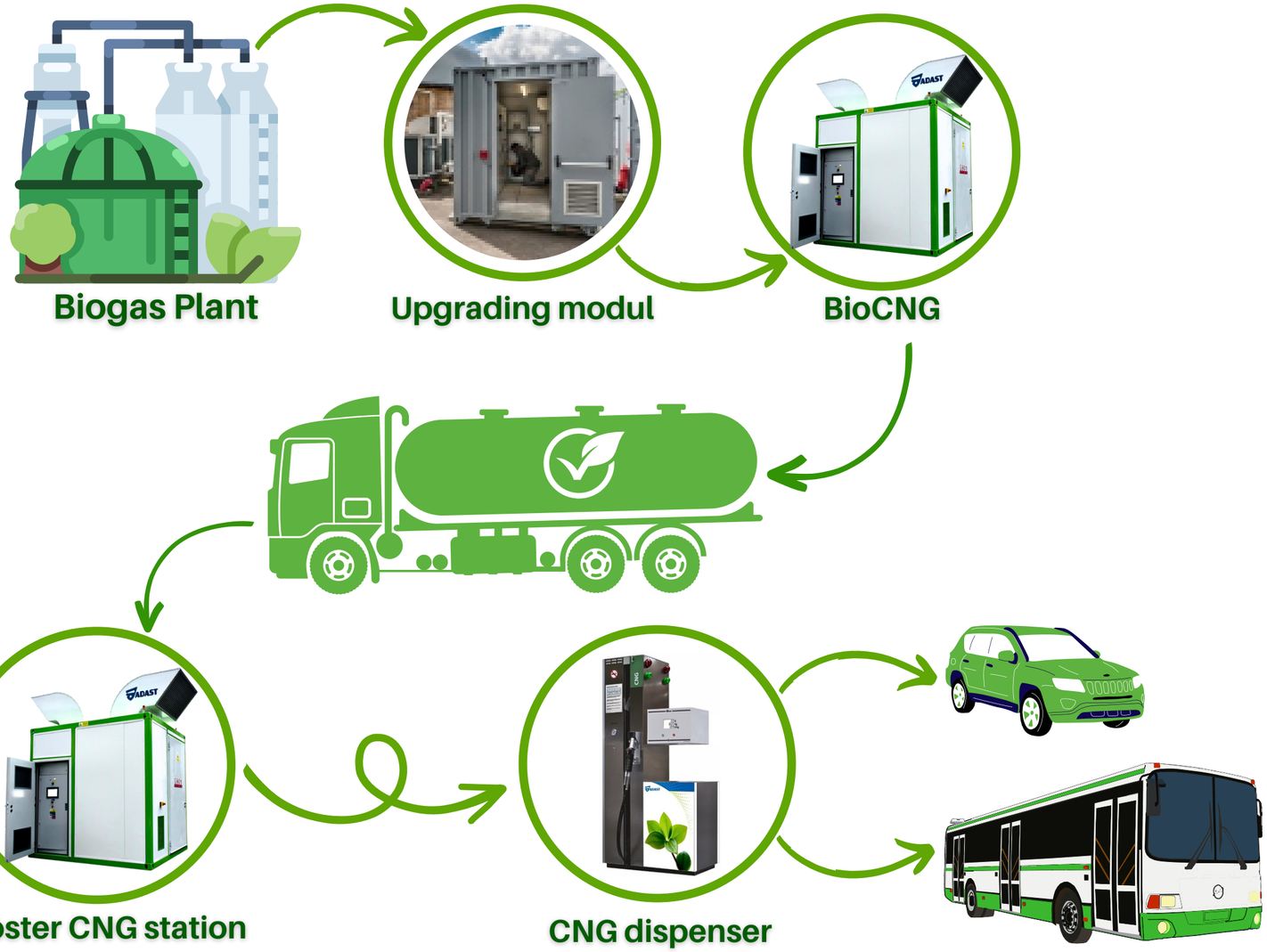
FIRST SOLUTION

The first option:

1. Upgrading modul
2. BioCNG station
3. Trailer
4. Booster CNG station
5. CNG dispenser



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SECOND SOLUTION

The second option:

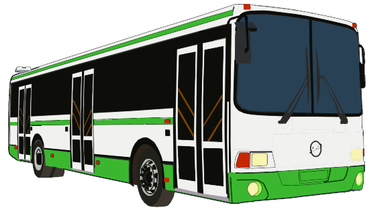
1. Upgrading modul
2. BioCNG station
3. CNG dispenser

Biogas Plant

Upgrading modul

BioCNG

CNG dispenser



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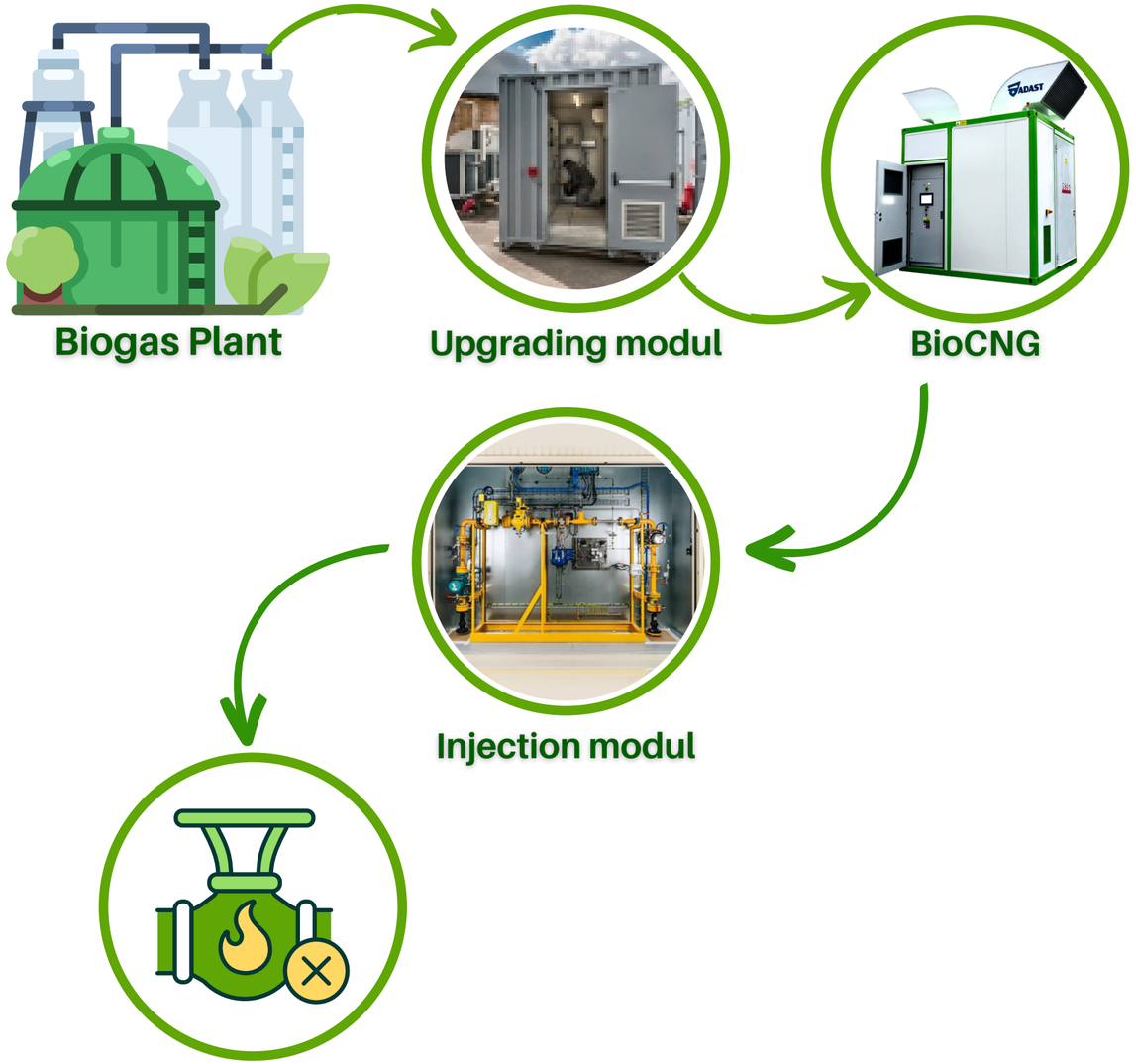
THIRD SOLUTION

The third option:

1. Upgrading modul
2. BioCNG station
3. Gas grid injection modul




ADAST
0:20 / 0:31

ADAST
www.adast.group

CNG SYSTEMS

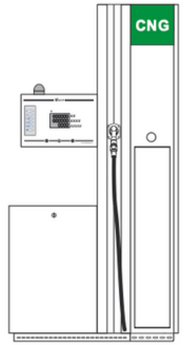
www.adast.group

ADAST MAJOR CNG

- MAJOR CNG fuel dispenser for filling of CNG motor vehicles. The CNG module V-line 8690/CNG can be simply connected to the standard V-line MAJOR fuel dispenser.

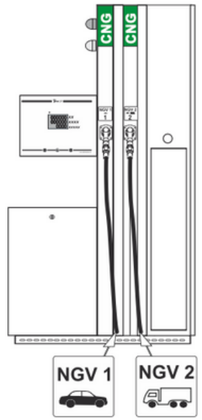
Fuels number	1
Nozzles number	from 1 to 4
Max. flow rate	from 30 to 70 l/min
Hose distance	from 3 to 5 m
Dimensions (Length∗Width∗Height)	1100 x 540 x 2200 (mm)

V-line H



V-line H

CNG NGV1, NGV2




ADAST
www.adast.group
CNG
VYPNĚTE MOTOR
www.M-SOFT.cz
INTERNET
TELEVIZE
0:02 / 0:27

www.adast.group

ADAST MAJOR CNG SLIMLINE

- MAJOR CNG fuel dispenser for filling of CNG motor vehicles.
- A new concept ensuring high safety
- Two-sided CNG dispensing – NGV 1 and NGV 2 at one dispensing point
- Top electronic mass flow meter

Fuels number	1
Nozzles number	from 1 to 4
Max. flow rate	from 30 to 70 l/min
Hose distance	from 3 to 5 m
Dimensions (Length∗Width∗Height)	1020 x 540 x 2200 (mm)

ADAST
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ADAMAT STANDARD

- Intended for filling stations with unmanned operation
- Intended for dispensers ADAST MINOR, POLULAR, MAJOR
- Integrated into the head of the dispenser or individual terminal for more dispensers
- Unlimited number of drivers and vehicles; for off-line operation 4500 transactions
- Wide range of identificators – contactless radio-frequency cards, magnetic cards, chip cards „touch chips“, etc.
- Electronic volume and price pre-setting
- Low operation costs and maintenance demands


ADAST
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ADAMAT
STANDARD
93144
ADAMAT
www.adastsystems.cz
29.25
Kč
9.79
kg
29.90
Kč / kg
2
2
CNG
Hotline
LPG
AdBlue
SOS

www.adast.group

ADAMAT EMV

- Intended for filling stations with unmanned operation
- Payment terminal PCI-PAD EMV compatible – Solution fulfilling requirements of European norms for safety of payment transactions (EMV Level 1, Leve 2)
- Integrated into the head of the dispenser ADAST MAJOR
- Dual system for acceptance local and bank’s card
- Cards with magnetic strip or chip cards
- Several applications – local, credit cards, - Euro card/MasterCard, VISA, VISA Electron, Maestro….
- Optionally banknote acceptor

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ADAST 8664 CNG

- CNG dispensing equipment for filling of motor vehicles by CNG.

Fuels number	1
Nozzles number	1
Max. flow rate (NGV1 - NGV2)	from 30 to 70 l/min
Hose distance	from 3,5 to 5 m

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ADAST COMPACT CNG

- Compact filling station designed for filling pressure tanks of motor vehicles by using compressed natural gas (CNG) and process of rapid filling.

Maximum power	AC MOTOR 15 KW	AC MOTOR 200 KW
	35 m3/hour	990 m3/hour

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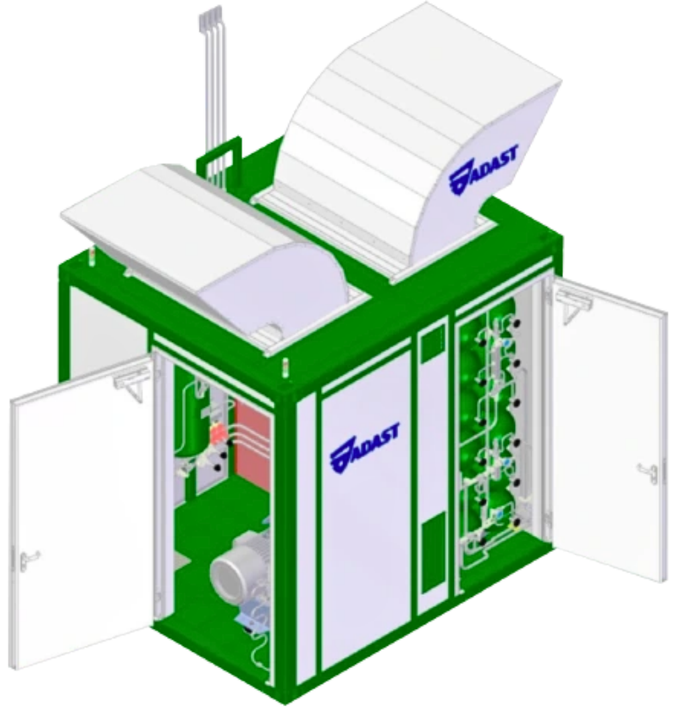
ADAST COMPACT CNG

- Feed pipe, complete inlet pipe, automatic valve, dust filter, safety valves, dump cylinders.
- Intermediate gas cooling separately with heat exchanger.
- The design can be one-sided or two-sided. Thus, compact compressor stations for CNG filling stations with a capacity of 35 - 990 m3/hour of natural gas.
- lubricated, hydraulic compressor, 2 compression stages.
- Dimensions ISO 10 ft up to ISO 40 ft




ADAST
www.adast.group
ADAST
0:13 / 0:25

ADAST
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LPG SYSTEMS

www.adast.group

ADAST MINOR LPG

- Fuel dispensers are determined for dispensing of liquefied propane-butane (LPG) into the motor vehicle tanks and various transport mechanics.

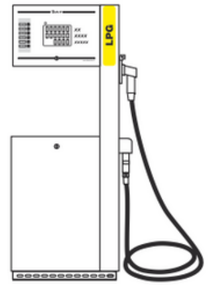
Fuels number	1
Nozzles number	1
Max. flow rate	from 30 to 40 l/min
Hose distance	from 4 to 7 m
Dimensions (Length∗Width∗Height)	510 x 410 x 1400 (mm)

ADAST POPULAR LPG

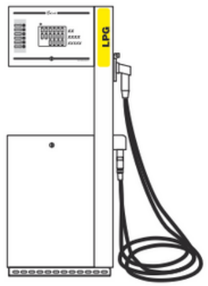
- Fuel dispensers are determined for dispensing of liquefied propane-butane (LPG) – into the motor vehicle tanks and various transport mechanics.

Fuels number	1
Nozzles number	from 1 to 2
Max. flow rate	from 30 to 40 l/min
Hose distance	from 4 to 7 m
Dimensions (Length∗Width∗Height)	620 x 410 x 1600 (mm)

V-line
8991/LPG



V-line
8995/LPG



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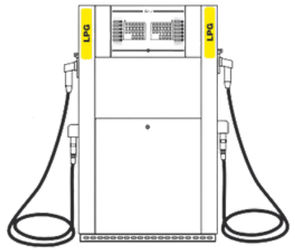
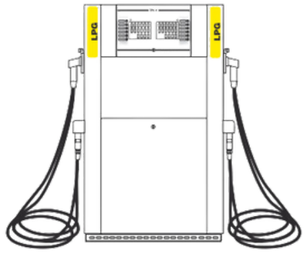
ADAST POPULAR LPG

- Fuel dispensers are determined for dispensing of liquefied propane-butane (LPG) into the motor vehicle tanks and various transport mechanics.

V-line
8993/LPG
8994/LPG



V-line
8992/LPG



Fuels number	from 1 to 2
Nozzles number	from 1 to 4
Max. flow rate	from 30 to 40 l/min
Hose distance	from 4 to 7 m
Dimensions (Length*Width*Height)	950 x 410 x 1600 (mm)

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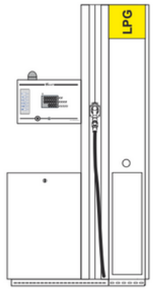
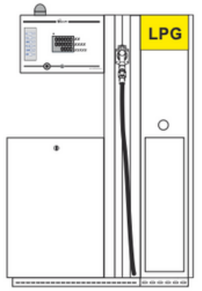
ADAST MAJOR LPG

- Special module V-line 8690/LPG for LPG filling of the vehicle tanks. The LPG module can be simply connected to the standard V-line MAJOR fuel dispenser.

V-line H



V-line R



Fuels number	1
Nozzles number	from 1 to 4
Max. flow rate	from 30 to 40 l/min
Hose distance	from 3,5 to 5,3 m
Dimensions (Length*Width*Height)	1100 x 540 x 1650 (mm)

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ADAST COMPACT LPG

- Compact LPG filling station fully preserves mobility equipment and high operational safety. Maximum filling mass is 4 800 l of LPG. Operating temperature from -20°C up to +40°C. Dispensing of gas is ensured by means of a separate dispensing equipment.

Capacity of the tank	4800 l
Nozzles number	from 1 to 2
Max. flow rate	from 30 to 40 l/min
Hose distance	from 3,5 to 7 m
Dimensions (Length*Width*Height)	1250 x 5085 x 2000 (mm)

ADAST

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LPG

AUTOGAAS

.EE

LPG

LPG

AdBlue

SOS

ADAST
www.adast.group

AdBlue® SYSTEMS

www.adast.group

ADAST AdBlue® 8664 MONO

- Dispensing equipment is used for distribution of urea solution (AdBlue®) into trucks with diesel engines.
- Possible using of ADAST ADAMAT payment terminal.

Fuels number	1
Nozzles number	1
Max. flow rate	From 10 to 40 l/min
Hose distance	4 m

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ADAST AdBlue® 8664 DUO

- Dispensing equipment is used for distribution of urea solution (AdBlue®) into trucks with diesel engines.
- Possible using of ADAST ADAMAT payment terminal.

Fuels number	1
Nozzles number	from 1 to 2
Max. flow rate	from 10 to 20 l/min, 40 l/min
Hose distance	4 m

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ADAST MAJOR AdBlue®

- Dispensing equipment is used for distribution of urea solution (AdBlue®) into trucks with diesel engines.
- Temperature range -40 to +55 °C
- Possible using of ADAST ADAMAT payment terminal.

Fuels number	1
Nozzles number	from 1 to 2
Max. flow rate	from 10 to 40 l/min
Hose distance	5,3 m
Dimensions (Length∗Width∗Height)	810 x 540 - 900 x 1650 mm

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ADAST E-LINE MINOR AdBlue®

- It meets current and future demands for ease of installation, simple operation and maintenance, economical operation and operational reliability in standard and harsh climatic conditions.

Number of products	1
The entire hydraulic system	dispensing stand is fully resistant to the effects of AdBlue
Pump power	10- 40 l/min

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ADAST COMPACT AdBlue®

- Equipment for storing and filling AdBlue® with integrated filling unit and a hose retraction system.
- Compact, turnkey AdBlue dispensing solution.
- Possibilities to integrate passenger and truck dispensing into one container.
- Dispensing from both longitudinal side

Capacity	3000 l / 5000 l
Nozzles number	from 1 to 2
Max. flow rate	from 10 to 40 l/min
Temperature range	from -25 to +55 °C
Dimensions (Length∗Width∗Height)	3000 l: 3300x983x2350 mm 5000 l: 3500x1500x2350 mm

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ADAST SMART L AND XL

- Equipment for storing and filling AdBlue® with integrated filling unit and a hose retraction system.
- Capacity 3000 l to 6000 l
- Dimensions 3000 l (LxWxH): 1,68 × 1,22 × 2,5 m
- Dimensions 6000 l (LxWxH): 3,49 × 1,22 × 2,5 m


ADAST
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AdBlue®
AdBlue®
7
EuroOil
EuroOil
EuroOil
EuroOil
EuroOil
EuroOil
ZEMNICÍ BOD
0:13 / 0:14

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HYBRID SYSTEMS

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ADAST MAJOR HYBRID CNG

- Hybrid fuel dispenser for 2–6 products with 2–12 dispensing nozzles for dispensing of liquid fuels and CNG with pumping output of 40 to 110 l/min, 30 to 70 kg/min for CNG.

Fuels number	from 2 to 6
Nozzles number	from2 to 12
Max. flow rate	from 40 to 110 l/min
CNG Pumping output	from 30 to 70 kg/min
Dimensions (Length∗Width∗Height)	1240 - 2640 x 540 x 2200 mm

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ADAST MAJOR HYBRID AdBlue®

- Hybrid fuel dispenser for 2–6 products with 2–12 dispensing nozzles for dispensing of diesel oil and AdBlue® with pumping output 40 to 110 l/min,
- 10 to 40 l/min for AdBlue®.
- Temperature range: -40 to +55°C

Fuels number	from 2 to 6
Nozzles number	from2 to 12
Max. flow rate	from 40 to 110 l/min
AdBlue® Pumping output	from 10 to 40 l/min
Dimensions (Length∗Width∗Height)	1240 - 2640 x 540 x 2200 mm

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ADAST MAJOR HYBRID LPG

- Hybrid fuel dispenser for 2–6 products with 2–12 dispensing nozzles for dispensing of liquid fuels and LPG with pumping output of 40 to 110 l/min, 30 to 40 l/min for LPG.
- ADAST ADAMAT/EMV - PCI-PAD EMV compatible.

Fuels number	from 2 to 6
Nozzles number	from2 to 12
Max. flow rate	from 40 to 110 l/min
LPG Pumping output	from 30 to 40 l/min
Dimensions (Length∗Width∗Height)	1240 - 2640 x 540 x 2200 mm

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ADAST POPULAR HYBRID LPG

- Combined fuel dispenser for dispensing gasoline, diesel fuel, biodiesel and LPG.

Fuels number	2
Nozzles number	2
Max. flow rate	from 40 to 80 l/min
LPG Pumping output	from 30 to 40 l/min
Hose distance	from 4 to 6/7 m (LPG)

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FUEL DISPENSERS FOR WINDSHIELD WASHER

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ADAST MINOR WSE

- ADAST MINOR WSE meets high demands for easy installation, simple service and maintenance, economic operation and operating reliability in the standard and extreme climatic conditions.

Main Advantages

- Unconventional solution - compact design.
- Hydraulic unit WSE.
- Electronic controlunit for control of all dispenser functions.
- Electromagnetic valve adapted for WSE.
- Piston flow meter ADAST with integrated magnetic pulse transmitter.

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ADAST MINOR WSE

- High quality materials with high working life and low maintenance requirements.
- Ergonomic location of the dispensing nozzle.

Fuels number	1
Nozzles number	from 1 to 2
Max. flow rate	from 1 to 5 l/min
Electrical connection Hydraulic	230 V AC ±15%, 50 Hz
Connection DN	16 mm / G1“
Operating temperature	-40 to +55 °C
Dimensions (Length∗Width∗Height)	510 x 410 x 1400 mm

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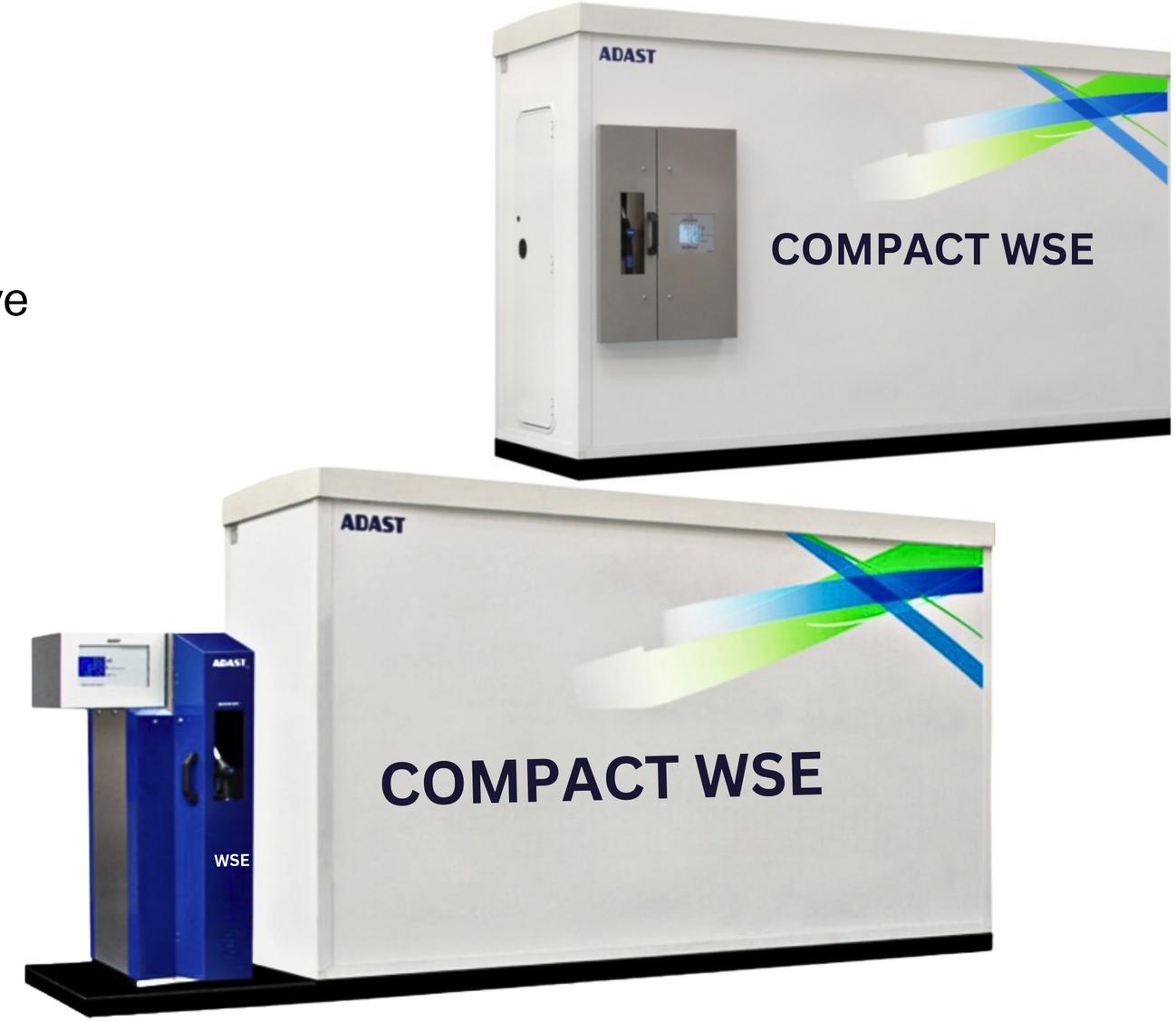
ADAST COMPACT WSE

- **Summer mixture:**
  Water, cleaning agent (detergent), dye
- **Winter mixture:**
  Denatured alcohol, distilled water, cleaning agent (detergent),dye



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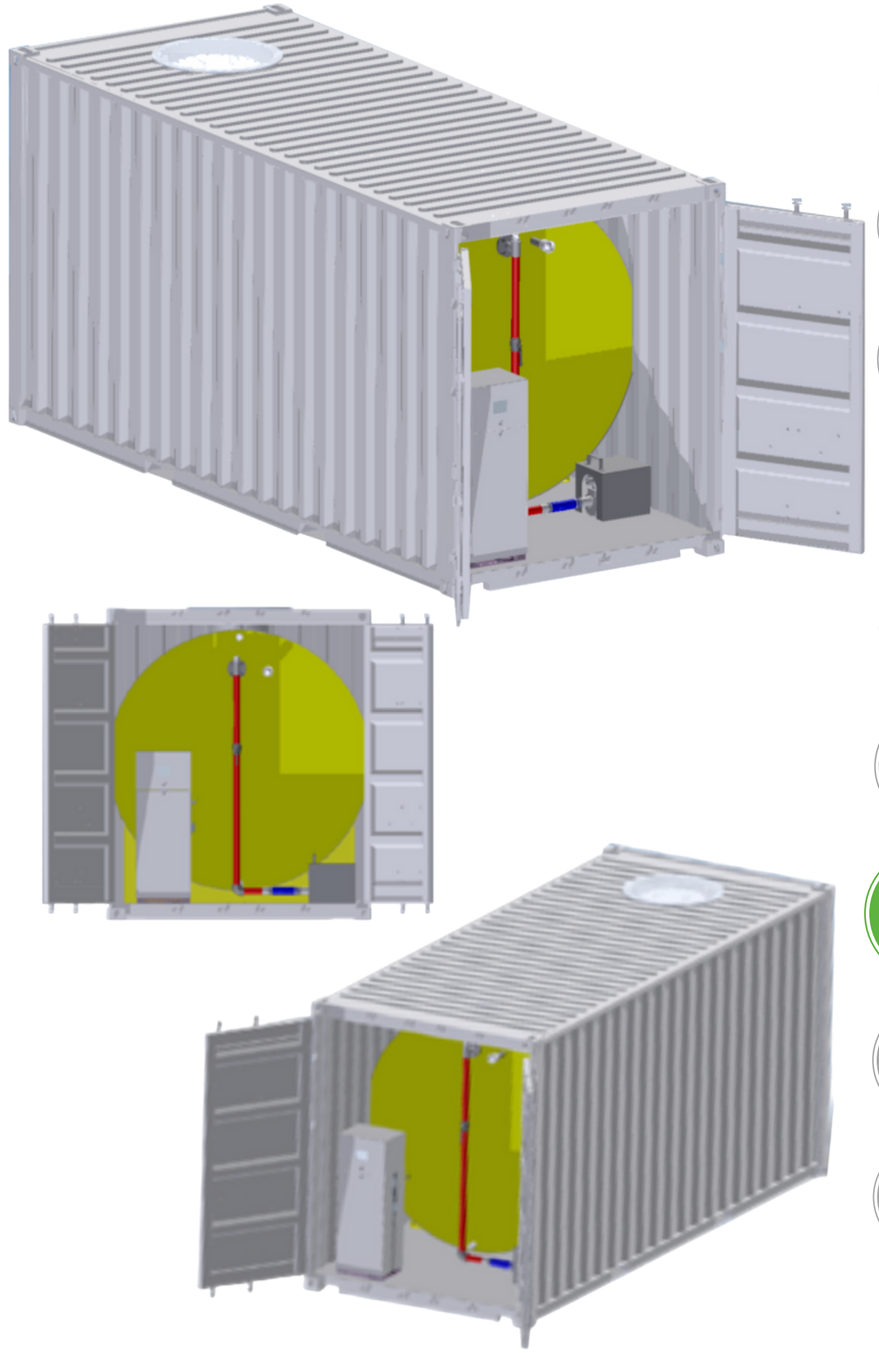
SOS
MOBILE GAS STATION

ADAST
www.adast.group

SOS MOBILE GAS STATION

- Independent dispensing facility used to dispense petroleum products - automotive gasoline and diesel fuel. The device is adapted to operate 24/7 without the need gas station attendants.

Tank capacity	20,000 l
Container size	ISO 20 ft
Pump capacity	400 l/min
Max. flow rate	from 40 to 80 l/min
Power supply	3x400 V - from own generator



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SOS MOBILE GAS STATION

- Island gas station system.
- Innovative design with regard to functionality and ease of use.
- One or two hoses with dispensing gun Ready port for tank connection.
- Piston volume meter with converter with electronic calibration.
- A separate generator of electrical energy required for the operation of the equipment.

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VACUUM CLEANERS
COMPRESSORS

www.adast.group

COMBIBOY CAB

- Self service working device designed for tire inflation and vacuum cleaning.

Tank volume	60 l
Maximum pressure	0,8 MPa
Hose distance	from 4,5 to 6 м
Dimensions (Length∗Width∗Height)	850 x 540 x 2500 mm

www.adast.group

COMBIBOY CA

- Self service working device designed for vacuum cleaning.

Tank volume	60 l
Hose distance	4,5 m
Dimensions (Length∗Width∗Height)	850 x 540 x 1650 mm

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COMBIBOY CB

- Self service working device designed for tire inflation.

Maximum pressure	0,8 MPa
Hose distance	6 m
Dimensions (Length∗Width∗Height)	850 x 540 x 1650 mm

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ACCESSORIES FOR GAS STATIONS

ARRESTERS AND FLOATS CONTROLLERS

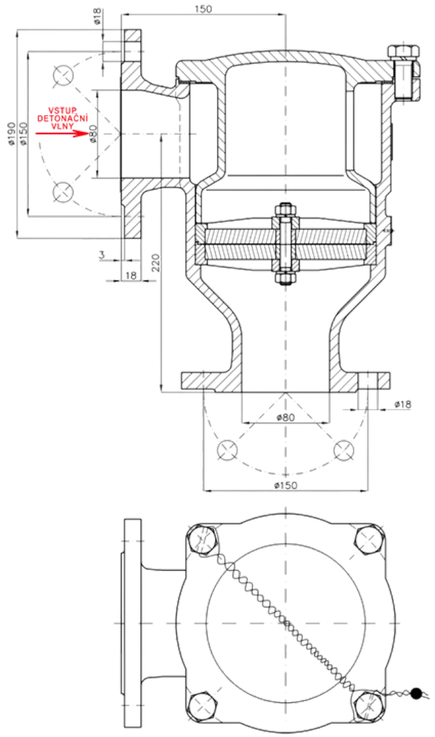
www.adast.group

ADAST FLAME ARRESTERS

- Arresters ADAST represent the safety protection of technological equipment serving for the storage, distribution, transport and processing of flammable gases and evaporations classified into the group of explosion IIA and a part of the assortment into the group IIB, IIB3 (anti-explosive detonation protection units).
- The safe construction uses a strip made from stainless steel situated inside. The range of operating temperature from -30 to 60 °C enables the wide use of these arresters in terms of security of critical technologies at filling stations.

ANTI-EXPLOSION FUSE J474.80/1/P4AD/II

- Explosion-proof safety device for protecting technological equipment used for storing, distributing, transporting, and processing flammable gases and vapors of liquids classified as hazard group IIA according to ČSN EN 13463-1 and ČSN EN 60079-20-1.



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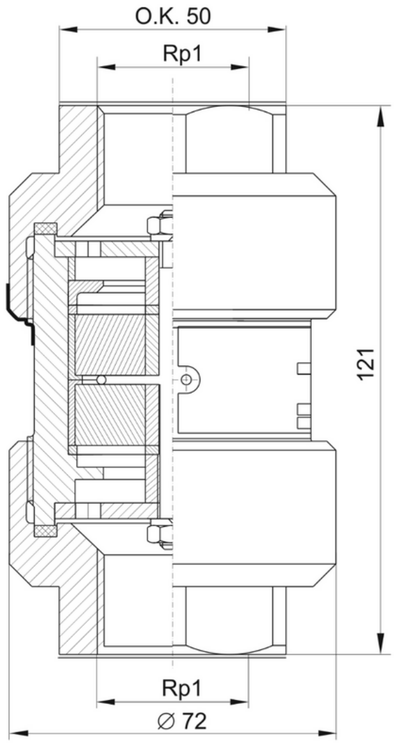
ANTI-EXPLOSION FUSE J131.25/P4AD2

- An explosion-proof fuse, made entirely of stainless steel, is suitable for use in aggressive environments to protect flammable materials classified as hazard group IIA according to ČSN EN 13463-1 and ČSN EN 60079-20-1.



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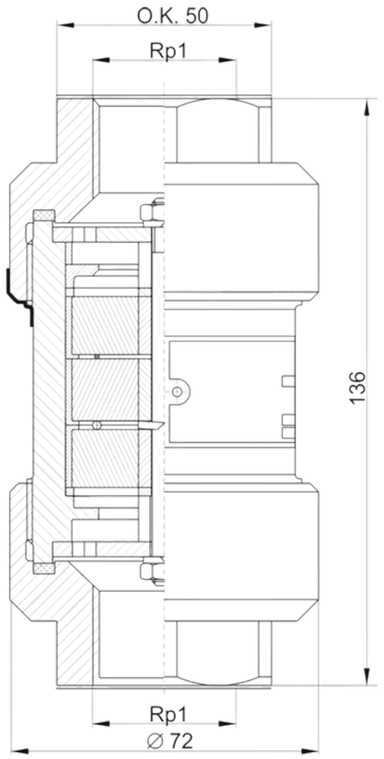
ANTI-EXPLOSION FUSE J131.25/P4BD2

- Designed to protect flammable materials classified as hazardous group IIB according to ČSN EN 13463-1 and ČSN EN 60079-20-1.



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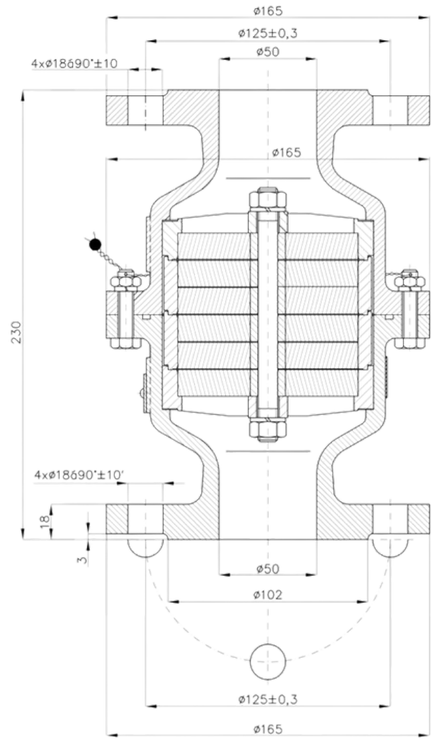
ANTI-EXPLOSION FUSE J134.50/P4BD2/II

- Designed to protect flammable materials classified as hazardous group IIB according to ČSN EN 13463-1 and ČSN EN 60079-20-1.



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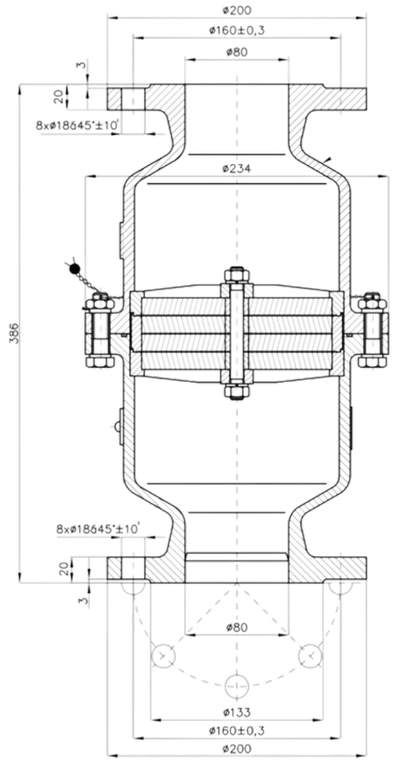
ANTI-EXPLOSION FUSE J134.80/P7AD2/II

- The explosion-proof fuse, made entirely of stainless steel, is suitable for use to protect flammable materials classified as hazard group IIA according to ČSN EN 13463-1 and ČSN EN 60079-20-1.



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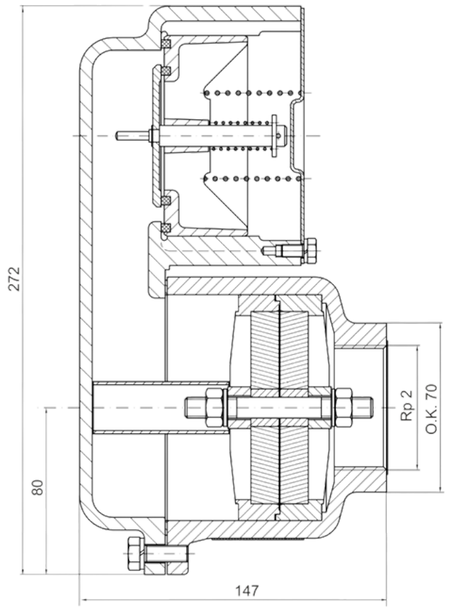
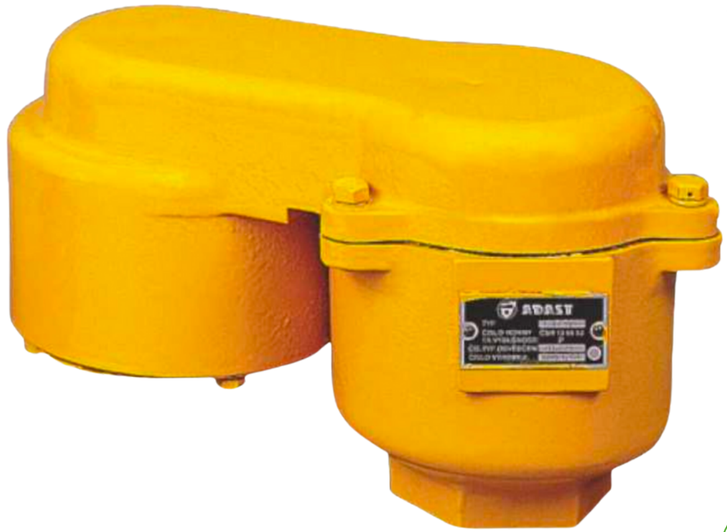
ANTI-EXPLOSION FUSE J341.50/1/P4BE/II

- Explosion-proof safety device for the safe protection of technological equipment used for the storage, distribution, transportation, and processing of flammable gases and vapors of liquids, classified as hazardous group IIB according to ČSN EN 13463-1 and ČSN EN 60079-20-1.





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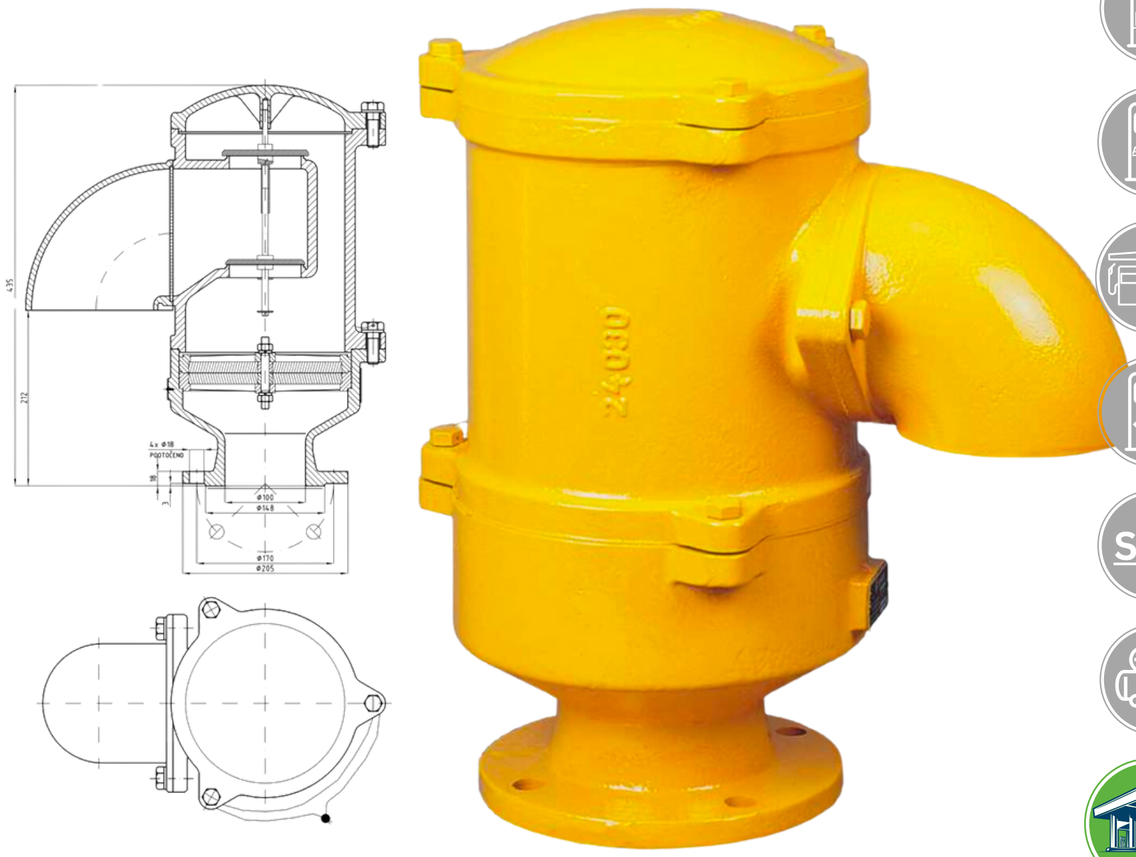
www.adast.group

ANTI-EXPLOSION FUSE J344.100/1/P4BE/II

- Explosion-proof safety device for the safe protection of technological equipment used for the storage, distribution, transportation, and processing of flammable gases and vapors of liquids, classified as hazardous group IIB according to ČSN EN 13463-1 and ČSN EN 60079-20-1.



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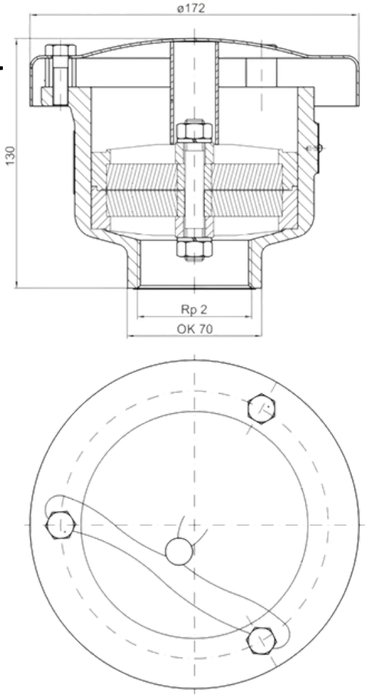
ANTI-EXPLOSION FUSE J371.50/1/P4BE/II

- Explosion-proof safety device for the safe protection of technological equipment used for the storage, distribution, transportation, and processing of flammable gases and vapors of liquids, classified as hazardous group IIB according to ČSN EN 13463-1 and ČSN EN 60079-20-1.



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ANTI-EXPLOSION FUSE
J371.50/1/P4BE/II

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FLOATS CONTROLLERS ADAST E 218.3

- Float controller is a device designed to signal the minimum height, maximum height and emergency level of liquid fuel in storage and operation tanks or to automatically control pumping equipment depending on the level in the tank.
- Pumping monoblocks – with flow rate 50 to 100 l/min
- Piston meters – with maximum flow rate 40 to 150 l/min
- Piston meters for LPG – with maximum flow rate 40 l/min
- Piston meters for AdBlue®– with maximum flow rate 40 l/min

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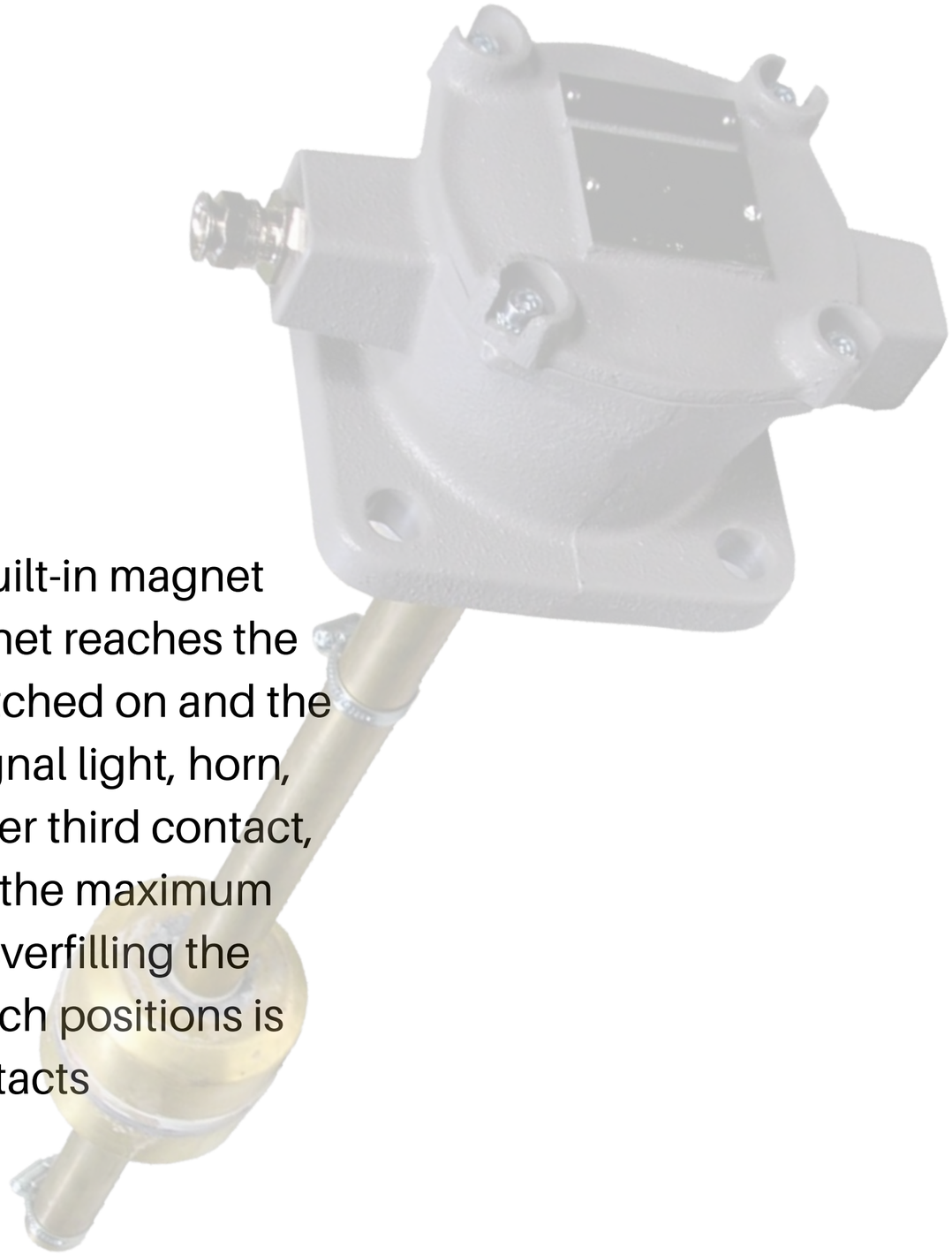
FLOATS CONTROLLERS ADAST E 218.3



Function description:

- As the tank level falls or rises, a float with a built-in magnet moves along the guide tube. When the magnet reaches the level of the reed switch, the contacts are switched on and the electrical circuit of the connected device (signal light, horn, motor contactor, etc.) is connected. The upper third contact, always located approximately 60 mm above the maximum level switch, is used to signal the danger of overfilling the tank. The position of the float in the limit switch positions is secured by adjustable stops to keep the contacts permanently closed.

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