

# Ride with us on CNG





RIDE WITH US ON



[www.jikovcng.cz](http://www.jikovcng.cz)

# MOTOR JIKOV

## A serious partner not only in the field of CNG

- engineering group with 120 years of tradition
- worldwide supplier for the automotive industry
- more than half a century of experience in manufacturing compressors
- first company in the Czech Republic engaged in the development, manufacture and sale of CNG stations
- strong focus on customer needs

### With us you save

We find potential savings for companies and we calculate return on investment, performing service and installation including constructing public filling stations.



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# Don't be afraid of CNG

Compressed Natural Gas, is a compressed natural gas, and is a cleaner alternative to conventional fuels, even LPG

With CNG cars, we save your pocketbook while benefiting the environment



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## ECONOMICAL



Up to 50% savings in fuel costs compared with conventional fuels.

## EKOLOGICAL



Compared with gasoline, CNG has 30% less CO<sub>2</sub> emissions, up to 90% lower emissions of CO and zero emissions of dust particles.

## SAFE



Vehicles on CNG are powered with maximum attention, resulting in a safer way to save fuel.

## Main advantages of CNG compared to conventional fuels



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**Our representation  
CNG stations**



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## CNG in the Czech Republic

More than **20 000** Vehicles on CNG  
More than **170** Filling stations

As of 2018



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# 90 %

## of MJG fleets run on CNG

Represented by Škoda Octavia G-Tec, Škoda  
Citigo, VW Passat, VW Caddy, Škoda Fabia, Fiat  
Doblo and Linde forklift trucks on CNG

**Interesting points  
on MJG fleets**



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# 37x

## Around the world

A fleet of company cars drives over 1.5 million kilometers on CNG annually, equivalent to thirty-seven trips around the Earth from pole to pole or round the globe.

**Interesting points  
on MJG fleets**



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**55 000 EUR**  
Savings for 1 year

Interesting points  
on MJG fleets



Annual cost savings for PHM is EUR  
**55,000**, equivalent to the purchase price  
of approximately 4 to 5 brand new Skoda  
Octavia cars



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**11x**  
less NOx particles

Every year, the corporate fleet empties up to 39 tons of CO2 less than the classic engine (CO2 emissions are 22-30 g / km lower). There are no particles of dust.



**Interesting points  
on MJG fleets**



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Average price per 1 km:

**0,033 EUR**

**Interesting points  
on MJG fleets**



**50% savings**  
on forklift trucks



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**We offer  
tailored solutions**

## **Filling technology variations**

From home filling stations to  
public ones



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**MJ Compact 05**



**Direct filling CNG vehicles**

EVEN APPROPRIATE  
FOR HOME USE

**MJ Variant  
MJ Variant Plus**



**Fast filling smaller fleets of  
CNG vehicles**

**MJ Compact Plus**



**Fast filling medium sized fleets  
of CNG vehicles**

**MJ SAT**



**Fast filling large fleets of CNG cars  
or operating Public filling stations**

## Filling technology variations

From home filling stations to  
public ones



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## Direct filling CNG vehicles

for indoor and outdoor use

easy connection to gas and electrical  
connection

- 1 compressor
- output 5 m<sup>3</sup>/h
- filling capacity 15,000 m<sup>3</sup>/year
- 20,000 – 200,000 km/year
- Suitable for commercial and passenger vehicles, forklifts

EVEN  
APPROPRIATE  
FOR HOME  
USE



1 – 5



- **MJ Compact 05**
- MJ Variant
- MJ Variant Plus
- MJ Compact Plus
- MJ SAT



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## Fast filling smaller fleets of CNG vehicles

the ability to connect fuel dispenser

- 2 – 4 compressors
- output 10 – 20 m<sup>3</sup>/h
- integrated tank up to 1,680 l
- filling capacity 20.000 – 60.000 m<sup>3</sup>/year
- 200,000 – 800,000 km/year
- Suitable for commercial and passenger vehicles, forklifts



5 – 20



- MJ Compact 05
- **MJ Variant**
- MJ Variant Plus
- MJ Compact Plus
- MJ SAT



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## Fast filling smaller fleets of CNG vehicles

A so-called container solution

the ability to connect a fuel dispenser

- 1 – 4 compressors
- output 5 – 20 m<sup>3</sup>/h
- integrated tank up to 1.680 l
- filling capacity 20,000 – 60,000 m<sup>3</sup>/year
- 200,000 – 800,000 km/year
- Suitable for commercial and passenger vehicles, forklifts



5 – 20



- MJ Compact 05
- MJ Variant
- **MJ Variant Plus**
- MJ Compact Plus
- MJ SAT



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## Fast filling medium sized fleets of CNG vehicles

compact facility

the ability to connect a fuel dispenser

- 1 – 2 compressors
- output 20 – 60 m<sup>3</sup>/h
- integrated tank up to 3360 l
- filling capacity 60,000 – 180,000 m<sup>3</sup>/year
- 800 000 – 2 400 000 km/year
- Suitable for commercial and passenger vehicles, forklifts



20 – 60



● MJ Compact 05

● MJ Variant

● MJ Variant

● MJ Compact Plus

● MJ SAT



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## Fast filling large fleets of CNG vehicles or operating public filling stations

pressure tank

the ability to connect a fuel dispenser

possibility of a payment terminal

- 1 – 2 compressors
- output 70 – 8000 m<sup>3</sup>/h
- filling capacity from 200,000 m<sup>3</sup>/year
- Suitable for buses, trucks, utility vehicles and passenger cars



- MJ Compact 05
- MJ Variant
- MJ Variant
- MJ Compact Plus
- MJ SAT



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● MJ Compact 05

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● MJ Compact Plus

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**APB - PLZEŇ**

 **Ballast Nedam**

  
**BRAMAC**  
STŘECHA NA CELÝ ŽIVOT

 **SCHENKER**

**e-on** | Energie

 **HELUZ®**

Linde Gas  


Linde Material Handling  


 **mobiliti**

 **OMEGA  
AIR**

 **PERI**

  
**SAINT-GOBAIN**  
CONSTRUCTION PRODUCTS

 **SEOL**  
SPOL. S R.O.

 **ZLINER**

 **ŽDB DRÁTOVNA a.s.**

An overview of  
some of our  
partners and  
customers

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## We are happy to provide more information

- expert advice in the field of CNG
- case studies of CNG filling stations according to customer needs
- Return on investment calculation
- designing and engineering
- developing and constructing filling stations tailored to your needs
- producing filling stations CNG JIKOV
- fast service, warranty and reliability

## Contact

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