



PROFESSIONAL TECHNOLOGY
FOR MAINTENANCE OF PUBLIC GREENERY



LUBOMÍR DVOŘÁK

founder and a CEO DVOŘÁK
svahové sekačky s.r.o.

WHO WE ARE



Family company,
founded in 2004



Pioneers
in remote-controlled
mowing technology



Winners of international
awards for innovation
and design



Export to more than
50 countries
around the world



Development
and production
in the Czech Republic



WHY DID WE DEVELOP THE SPIDER MOWERS?

SLOPE SAFETY

The answer to the problem
with safe maintenance of slopes
and difficult to access areas

LABOUR SHORTAGE

Labour shortages
in the municipal sector

EFFICIENT TECHNOLOGY

The need for efficient,
safe and cost-effective
technology



AT THE SERVICE OF **MUNICIPALITIES**

 **400+**
Municipalities

More than 400 municipalities in the Czech
Republic use SPIDER machines



CHALLENGES OF CURRENT MAINTENANCE OF PUBLIC GREENERY

WHAT ARE THE MOST COMMON LANDSCAPE MAINTENANCE CONCERNS FOR MUNICIPALITIES TODAY?

1 LACK OF MANPOWER

- Ageing population, low willingness to do physically demanding work

2 ENVIRONMENTAL PRESSURE AND NEW LEGISLATION

- Decline in biodiversity and loss of insects
- New legal requirements for insect protection
- Emphasis on emission-free and environmentally friendly technologies



CHALLENGES OF CURRENT MAINTENANCE OF PUBLIC GREENERY

WHAT ARE THE MOST COMMON LANDSCAPE MAINTENANCE CONCERNS FOR MUNICIPALITIES TODAY?

3 LOGISTICS AND OPERATIONAL COSTS

- Negative impacts of conventional mowing methods

4 NEGATIVE IMPACTS OF CONVENTIONAL MOWING METHODS

- Damage to grasslands, risk of killing small animals and insects
- High noise level



It's time for smart, eco-friendly and
economically sustainable solution.

**SPIDER GreenCircle responds
to all of these challenges.**



SPIDER GreenCircle

THE FUTURE OF LANDSCAPE MAINTENANCE

WHAT IS SPIDER GREEN CIRCLE?



TRIMMASTER
precise grass cutting



BIOPRESSMASTER
ecological biomass processing



BACK TO NATURE
liquid back into the soil



**An innovative
ecological system**

developed by DVOŘÁK -
svahové sekačky s.r.o.

The result is a **closed
circulation system**
that efficiently uses all
natural resources



SPIDER GreenCircle

BENEFITS FOR MUNICIPALITIES



Circular biomass
processing
without waste



Reduced carbon
footprint through low
energy consumption



Significant reduction
in operating costs



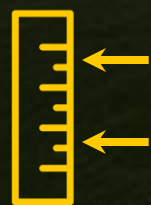
Possibility of using
subsidies and
environmental marketing



TRIMMASTER

THE REVOLUTION IN LAWN MOWING

Technology that improves lawn quality
and reduces operating costs.



VERSATILE

suitable for high
and low vegetation



ENERGY EFFICIENCY

uses up to 27 times
less power than
a rotary mower



LAWN-FRIENDLY

precise cutting without
tearing stalks of grass,
faster Regeneration



LOW SUCTION POWER

up to 56% compared to
a conventional mower -
insect protection



TRIMMASTER

TECHNOLOGY



SPIDER GreenCircle



MOWING QUALITY

Thanks to precision cutting technology, the lawn remains healthy, dense, and naturally green.

ROTARY MOWER



TRIMMASTER



INSECT FRIENDLINESS

Gentle technology helps preserve biodiversity in grass areas.

ROTARY MOWER



TRIMMASTER



LAWN DENSITY

Regular mowing helps the quality and density of the lawn.

ROTARY MOWER



TRIMMASTER



ACOUSTIC PERFORMANCE

Lower noise levels improve the working environment and are less disturbing to the surroundings.

ROTARY MOWER



TRIMMASTER



LOW WEIGHT

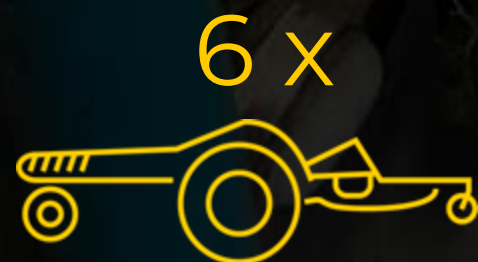
Significantly lower weight enables easier handling and reduces the stress on the terrain.

LAWN TRACTOR



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TRIMMASTER



VERSATILE USE

Precise cutting performance in both short and taller grass.

LAWN TRACTOR



ROTARY MOWER



TRIMMASTER



EXTREMELY LOW POWER CONSUMPTION

Significantly reduces energy consumption during operation.

ROTARY MOWER



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TRIMMASTER



SIGNIFICANT REDUCTION OF MOWED GRASS VOLUME

Enables more efficient and easier handling during transportation and storage.

ROTARY MOWER



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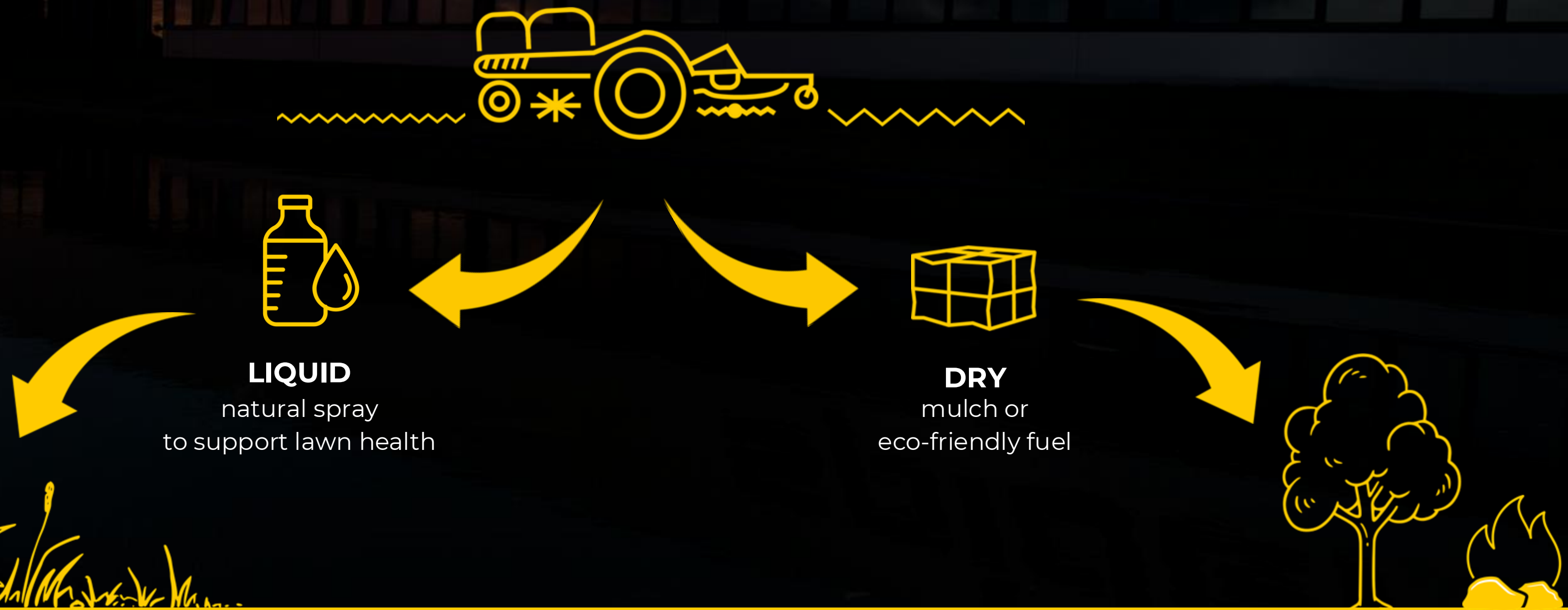
BIOPRESSMASTER



BIOPRESSMASTER

EFFICIENT USE OF OUTPUTS

Grass processing produces ecological and useful products.



**THANK
YOU**

