

## 33<sup>rd</sup> Members' Meeting of the «Club of Bologna »

### ***The future horizons for Ag-Mechanization***

9-10 November 2024

*Bologna, Italy*

Harvest Hay&Forage solutions:  
trend and vision meet new challenges!



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# New parameters to consider



Varieties of forage have multiplied in the last decades: Alfalfa, sorghum, Sudan grass, clover, rye, immature wheat, triticale, grass, mix grass, oats, peas, ...  
Each of them is grown with different purposes regarding yield, time of harvest, quality, protein content, ...



# New parameters to consider



From drought to flood; farmers are facing shrinking weather windows.



## New parameters to consider

Forage is no longer just used to feed animals to produce milk or meat, it is also used for other purposes such as the production of energy or biomass and as a tool for environment challenges.





New parameters to consider



Increasing field size opposed to labor shortage making it essential that machines are not only efficient but also more comfortable and intuitive to operate.



# Impact of machine development



Larger working widths, higher capacity and output.



# Impact of machine development



10  
YEARS  
TWINPACT



Solutions to reduce energy consumption combined with maximum capacity.



# Impact of machine development



**MERGE MAXX**  
Another raking concept!

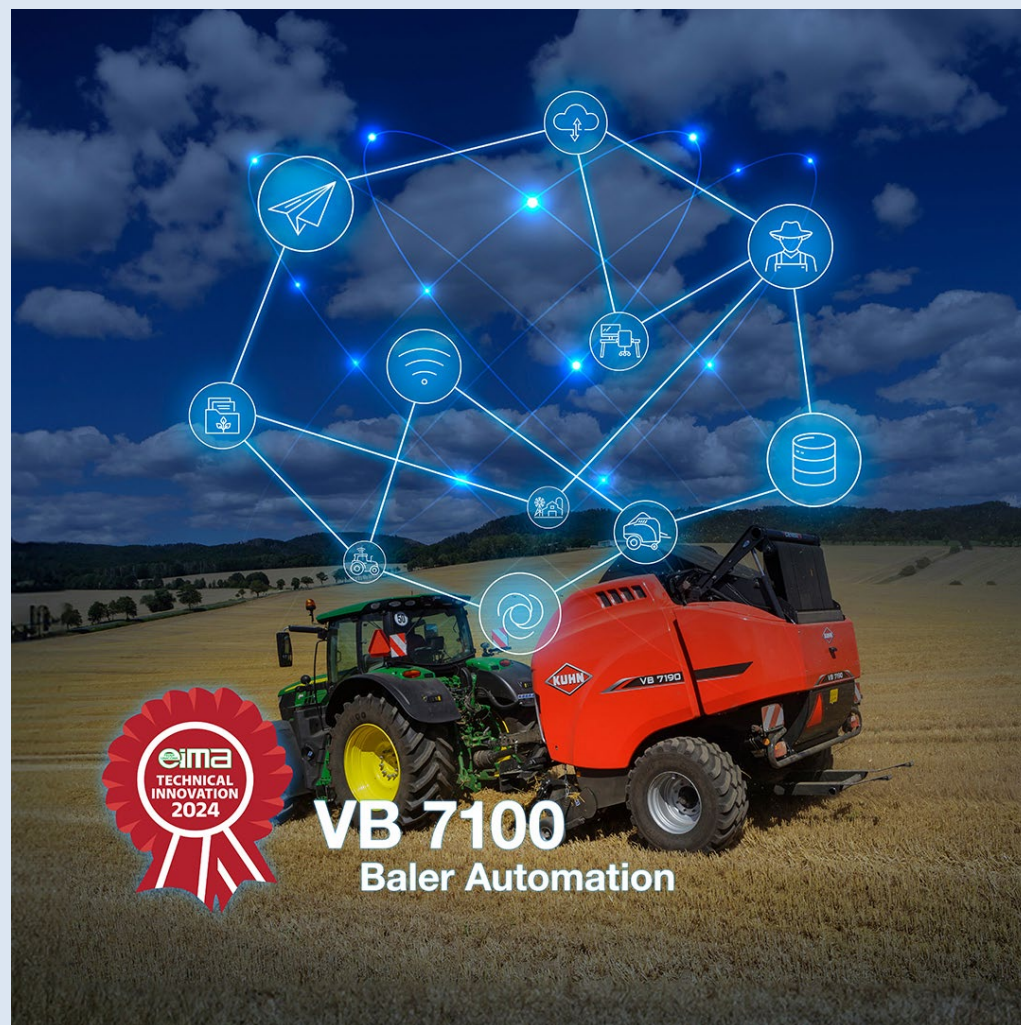
Maximum forage quality  
to get as much energy  
out of it as possible.  
New technologies like  
belt raking to minimise  
impurities.



# Impact of machine development



More ease of use while enhancing machine performance thanks to ISOBUS functionalities, headland sequences, Tractor Implement Management, Section Control, AUX-N joystick, adjustments from the cab.





# Agriculture 4.0



Telemetry and traceability are becoming critical components of modern farming practices, allowing farmers to track and optimise their operations with greater precision.



# What does the future hold ?



More technology embedded in machines. More automation and decision support systems.

Challenges to reduce energy consumption.

Robotics : This is undoubtedly the next major development in agricultural machinery. We are just at the beginning.





The future of hay mechanisation lies in smart forage management...

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