



**SMART
SOLUTIONS**
for the
**MODERN &
ECO-FRIENDLY
FARMING**

*Electrostatic Spraying
Modules*

WHIRLWIND "TURBO 4"

**1988 - FIRST IN THE WORLD TO DEVELOP A
MULTI-ROW SPRAYING MODULE FOR
MULTIPURPOSE HARVESTERS**



ELECTROSTATIC®
AGRO SPRAY SYSTEM

TODAY - LEADER with the most COMPLETE and TESTED range of spraying modules for multi-purpose self-propelled harvesters (New Holland Braud - Pellenc etc.) for very high productivity treatments on vineyards, high density olive groves, high density almond groves, berries etc.

MAIN CONSTRUCTION FEATURES

- **“Heavy-duty” frame** with “Duplex” coating complete with support feet for winter storage of the spraying module
- **Monolithic over the row boom** with ducts of ideal design to ensure maximum fluid-dynamic efficiency - electro-hydraulic variable row spacing adjustment system, 100 cm / 3ft stroke (example: for vineyards with row spacing from 2.00 to 3.00 m / 6,50 to 10,00 ft)
- **“Heavy duty” drive** with hydraulic motor with axial pistons, ideal for operating in circuits with heavy work cycles, which ensures efficiency and reliability over time.
- **Chemical tanks** capacity: 2000 liters / 500 gal in PE
- **Brass centrifugal pump 1** (flow rate 300 l/m - 80 gal/m) for quick filling of the tanks
- **Stainless steel centrifugal pump 2** (flow rate 300 l/m - 80 gal/m) and special “Martignani” mechanical seal for agitation of the product in the tanks and spray
- **Centrifugal fan** - longitudinal - with double air intake and high fluid dynamic efficiency
- **Automatic rate controller** with Bravo 180S monitor or with ISOBUS IBX100 system to the monitor of the self-propelled harvester.
- **Spraying heads** with "multiflow" system with multiple adjustable outlets (ideal for vineyards with row spacing up to 3.00 m / 10 ft) or with "komby" fan outlets for crops/vineyards with row spacing from 2.50 to 4.00 m. (6,50 to 13,00 ft) and beyond

AVAILABLE CONFIGURATIONS



TURBO 4/2 MULTIFLOW (2 rows): Ideal for hilly vineyards even with steep slopes



TURBO 4/2 KOMBY (2 rows): Ideal for hilly vineyards even with steep slopes, high density olive or almond groves, berries



TURBO 4/3 (3 rows): Ideal for working in all conditions, the Turbo 4/3 is a combination of efficiency and versatility



TURBO 4/4 (4 rows): Ideal for working on flat or slightly sloped vineyards, the Turbo 4/4 ensures maximum productivity (up to 60/70 hectares/day - 150/170 acres/day) on compact vineyards blocks with particularly long rows

