



SPRAYING EQUIPMENT

EMDEK EMD15 CANNON AIR BLAST SPRAYER

- For use in tall oil palm areas specially for bagworms and other pest and diseases
- Using Hydraulic control to blast liquid droplet in 150° left to right to ensure maximum spraying coverage



MODEL	200	400	600	800
Tank Capacity, L	200	400	600	800
Tank Material	Fiberglass	Strong Polyethylene (PE) with UV Protection		
Spraying Height, m	12 – 15		15 - 20	
Horizontal Spraying, m	± 20		± 25	
Spraying productivity, ha/day	± 20		20-25	
Fan Turbine Speed	High Speed Turbine Fan, can reach 2,430 rpm with air volume of 18,000 m ³ /hr		High Speed Turbine Fan, can reach 2,430 rpm with air volume of 20,000 m ³ /hr	
Max. Pump Pressure, bar	40			
Pump Discharge Rate, L/min	55			
Tractor horsepower Required, HP	45-55		60-95	
Max Tractor PTO, RPM	540			
PTO Drive Shaft	T40 Drive Shaft			
Tractor Linkage Category	Cat I & II			
Dimension, cm (L x W x H)	125 x 120 x 165	140 x 140 x 170	168 x 160 x 175	168 x 175 x 188
Weight, kg	± 240	± 270	± 300	± 317

SPRAYER PARTS & ACCESSORIES



Pressure control units made from Italy



Diaphragm pump made from Italy



Suction hose to draw water from external source



2-speed for gearbox: 1:3.5, Neutral & 1:4.5



Hand Valve Control



PTO Drive Shaft



SPRAYING EQUIPMENT

TYPES OF SPOUT



Double Spout



Triple Spout



V-Spout

SPOUT COMPARISON & SPRAYING PERFORMANCE

	Vertical Spraying	Horizontal Spraying	Spray Swath	Covered Row	Plant Growth
Air Blast Spout					
Double Spout	± 20 m	± 30 m	± 10 m	Single Row	Mature & Old Palm
Triple Spout	± 20 m	± 25 m	± 12 m	Double Row	Tall & Old Palm
V-Spout	± 18 m	± 25 m	± 16 m	Double Row	Mature & Old Palm