

# m.i.t.r.a.

Machines Information Technology Resources Agriculture  
India's first International quality sprayers  
for Grapes, Pomegranates, Mango and citrus

Loan  
available  
with 13%  
yearly  
EMI

PAY ₹ 1,20,000

DOWN PAYMENT & TAKE  
HOME YOUR **MANGOMASTER**

**MANGOMASTER**  
www.mitraweb.in



**BEST** > MACHINE  
> SERVICE  
> PRICE

Contact : 11, Bhandari Plaza, Pimpalgaon Baswant, Nashik

Mob : 7744911119, Ph. : (02550) 252980

Email : info@mitraweb.in web : www.mitraweb.in



**Important specifications :**

- Works on tractor ranging from 35 HP to 55 HP
- With 2000 kg and light in its category, tractor doesn't stuck in muddy conditions
- Top quality 2 Speed + neutral gearbox
- 1500 litre Tank capacity
- Italian quality with Indian design
- 75 litre diaphragm pump
- Top quality imported fan with 30000 m3/kg air output
- Can be handled easily with 2 persons
- Immediate service and easily available spare parts at affordable prices



Italian nozzles for dipping & spraying



Best quality Italian Pump



Reverse fan prevents dust and waste particles



Integrated control panel

**Saving Calculations for Mangomaster**

Mango master	Cost saving	Regular blower	Cost bearing
100% coverage	Minimum savings of 1 sprays behind 5 sprays.	Require 1-2 extra sprays for controlling full disease	Rs 1,000 per spray thus 1,000 savings
Control Over 1 Leaf Hopper	Crop quality is severely affected and value can go down to 10 Rs per Kg instead of 25 Rs per Kg. Even 20% more control of leaf hopper can result in 800 kg of good quality yield with Rs 15 per kg better price for 800 Kg	Loss due to improper coverage	Rs 15 per Kg better price realization for 800 Kg of fruits. Thus Rs 12,000 of extra income
2 Anthracnose	Crop quality due to anthracnose goes down severely	Improper coverage leads to more spray for controlling	Rs 1,000 per spray. Thus 1,000 extra savings
Keeping quality & Produce aesthetics	Min Rs 1/kg increase in the rate of Mangoes	Degraded quality gives low rate in market	Min 4 ton/acre yield of Mangoes. Thus min Rs 4,000 savings
Labour Saving	Two labor can spray 8 Acres per day so costing is 75 Rs per acre for labor.	Three labors spray 5 acres in a day with HTP pump costing per acre is 200 Rs/Ac for labor	Having 10 acres Mangoes & 5 rounds farmer can save 6,250 i.e 625/Acre
<b>Minimum savings per acre = 1000+12,000+1,000+4,000+625 = Approx. 18,625</b>			

Colour Media : 982230344

'Mango Master Cannon' Specification Sheet			Discharge Chart 7 Nozzle lit/Min			
Sr	Specification	Value	Pressure	1.0 Disc	1.2 Disc	ATR
1	Name of the machine	Mango Master Cannon	10 Bar	8.05	11.06	3.85
2	Linear dimensions (LxWxH)	3250 mm x 1650 mm x 1850 mm	15 Bar	9.1	13.96	4.69

3	Ground clearance	380 mm	20 Bar	10.95	16.31	5.39
4	Turning radius	3.5 m	25 Bar	12.83	18.34	
5	Track width	1650 mm	30 Bar	13.89	20.51	
6	Loaded weight	2000 kg	35 Bar	14.98	24.21	
7	Tractor	35 HP to 55 HP	40 Bar	16.86	26.1	
8	Tank	1500 l , 2 Ajitator, Drain Valve				
9	Pump capacity	75 l/min				
10	Pump operating speed	450 rpm				
11	Fan model	500 vpl DSN 'O' ( Fieni 490mm), Glass reinforced Nylon				
12	Total nozzles	7 Arag				
13	Nozzle disc sizes	1.0 and 1.2				
14	Maximum spray coverage	horizontal: 25 m Vertical: 20 m				
15	Air flow rate	30000 m <sup>3</sup> /h				
16	Adjustable Toubar	200 mm				
17	PTO Shaft	Wideangle PTO Shaft				
18	1st Gear box	2 Speed + 1 Neutral				
19	Innova Rubber Coupling	To Reduce Vibration, Shock, It act as protection to pump				
20	Basket Mixer	Beneficial for proper chemical mixing, Use as Primary filter,				
21	Filters	1 Suction filter , 1 Line filter				
22	Water flow direction	Basket Mixture - Tank - Suction Filter - Pump - Control Pannel - Line Filture - Nozzle.				