

GDT CO

PULL TYPE SPRAYER FOR COFFEE, TEA AND RUBBER TREES

Sprayer studied and designed for 40-50 Hp tractor provided of its driven engine to spray, to develop the mechanization with a new concept of spraying in open field (coffee, tea and rubber, cotton and others cultivation grown with primitive system) where we have no room to drive with a Tractor. GDT2000 offer the possibility to spray the chemical to the trees which usually are not properly sprayed to win the diseases or where are utilised several people with hand back sprayer. The new concept offer the opportunity to spray at same time with 6 users plus a driver in a area of 100 metres of ray from the sprayers.



ADVANTAGES

- Mechanization of the fields to save money of users, the job of 30-40 people can be replaced with 6 users only capable to spray areas 10-20 times more then standard system;
- Save chemicals both insecticide and pesticides;
- Control of qty of mixtures, knowing the qty of tank used for spraying a certain areas;
- Capacity to spray all the areas with same concentration of chemical;
- High pressure of spraying jet which permit to cover all the pages superior and inferior also of the trees where the parasides and insects
- Fast preparation of mixtures thanks to the 2000 litres of tank capacity;
- Possibility to arrive 15 meters of distance of spraying jet so the user can arrive at 15 meters from the areas to spray;
- The 6 users can spray by walk up to 100 meters from the sprayers and more 10-15 meters of the spraying jets;
- From the position of the sprayers you can spray with 6 users a ray of 110-115 meters at 360 degrees it means to spray an areas of 1 hectares (10000 square meters) within 20 minutes;
- Fast intervention in the field, if you imagine to fill one sprayers at least 10 times per days within an estimate time of 10 hours, with 6 users we can spray more then 10 hectares per day;

GENERAL FEATURES

- Hot galvanised steel frame
- Fierglass tank with graduated scale da litri 2000
- Briggs Stratton engine 4 stroke 14 HP (gasoline fuel)
- Multi diaphragm pump 80 l/min from 0 to 50 Bar
- Vee Belts trasmission
- Suction filter with shut-off valve
- jet agitation to maintain the uniform concentration of the mixture inside the tank
- Rugged wheels 11.5/80-15.3 mounted on adjustable axle
- Drawbar with eye attachment adjustable in length and height
- 6 spraygun and herbicide lance for localised treatments
- 6 hose reel with 100 metres hose each one
- Supplied with spare parts kit for 1 year maintenance



carrarospray®



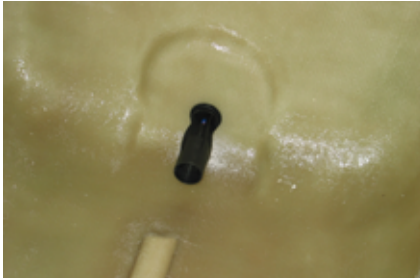
Discharge valve to empty the chemical residus of the tank



Section filter with shut-off valve, 50 mesh strainer for easy maintenance



Collector at 6 cocks valve to operate with 6 users at same time



Jet agitation to mix the chemical and to maintain the concentrations of the mixture during the spraying phases



Tubed wheels 11.5/80 - 15.3 mounted on 6x6 hub and adjustable axles equipped of conic bearings of first class



Multi diaphragm pump with safety valve to protect the hydraulic circuit



4 stroke engine made Briggs-Straton 14 HP gasoline fuel



Pressure regulation valve with cock valve to command the jet agitations and gauge



Spraying stations suitable for 6 users and one driver to spray independently the mixture up to 100 meter from the sprayer



Hose reel with 100 meters hose 10x19 80 Bar

	TANK CAPACITY	PUMP	PRESSURE WORKING	ENGINE 4 STROKE	LENGTH	WIDTH	HEIGHT	POWER
	l	l/min	Bar	HP	mm	mm	mm	Hp
GDT CO 1000	1000	80	50	14	1600	2900	1750	40-50
GDT CO 1500	1500	80	50	14	1600	2900	2000	50-60
GDT CO 2000	2000	80	50	14	1710	3490	2200	70-80

