



T BAR SPRAY BOOM MODELS 4+4

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Description

The C-Dax T Bar Spray Boom is a light-weight spray boom specially suited to spraying bushes, small trees and vines, grown in rows. Each boom is fitted with 4 fully adjustable nozzles mounted on ball joints. The spray pattern from each nozzle can be adjusted from a jet to a cone, and pointed at almost any angle. The nozzles are an air induction type designed to create a draught and disturb foliage for improved penetration into the canopy. Each boom arm is fully adjustable in height, width and angle.

Model

1045	4+4	Four nozzles per side, no mountings
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Installation

The 4+4 has two pairs of 10mm mounting holes at 640mm. These booms can be bolted in place using client-supplied hardware.

After the boom has been attached to the sprayer, adjust the boom mast height, boom spacing, and boom angle to suit the crop being sprayed.

Connect the delivery hoses from the booms to the outlet valves on the sprayer control unit.

Using water, set the spraying pressure to 20 bar (300 psi). Open the ball valves and allow the air to be dispelled from the nozzles. Adjust the spray pattern of each nozzle to suit the crop being sprayed.

Calibration

The spray boom calibration depends on the spray tips fitted to the nozzles. The following table gives the nozzle flow rates for the various tip sizes.

Tip Part No.	Size (mm)	15	20	25	30	35	40	45	50	
5300-5400	1.0	Cone	1.7	1.9	2.1	2.2	2.5	2.6	2.7	2.8
		Jet	1.9	2.2	2.5	2.6	2.9	3.1	3.3	3.6
NA	1.2	Cone	2.4	2.7	3.1	3.4	3.6	4.4	4.6	4.7
		Jet	2.9	3.6	4.0	4.4	4.8	5.1	5.6	5.9
NA	1.5	Cone	3.5	4.7	4.9	5.1	5.5	6.1	7.5	7.7
		Jet	4.6	5.8	6.5	7.0	7.6	8.1	8.7	9.0
NA	1.8	Cone	4.2	4.8	5.5	6.0	6.6	7.0	7.3	7.5
		Jet	6.7	8.0	8.6	9.6	10.7	11.4	11.7	12.2

Nozzle Flow Rates (L/Min) for Spraying Pressure (Bar) and Nozzle Adjustment



Heavy Duty model shown with mountings.