

# XT Nozzles

## Boomless Spray Nozzles



### FEATURES & BENEFITS

- Throws spray up to 5 metres. Use in place of a conventional spray boom or as last nozzle position to extend spray width
- Ideal where a conventional boom cannot be used due to obstacles, such as pylons, fences, trees, etc.
- Common uses; orchard, vineyard, forestry, pasture, turf and golf course spraying
- Large droplet size reduces spray drift and promotes spray penetration
- Maintains a consistent and adjustable spray swath over a pressure range of 2 to 4 bar. Can be used with manual or automatic rate controllers
- Two fitting options:
  - Polyacetal FastCap® design includes tip, cap and gasket for fast fitting and removal and safer handling. Can be mounted on standard EF3 or on an adjustable swivel nozzle body (Part # 15Q3570A) to allow variation of swath width
  - Threaded stainless steel body with precision moulded polyacetal tip for more permanent installation. Replacement component kits offered

### Applications



*Ideal for boomless spraying or as the last tip on the boom.*

### Installation



*Hypro's swivel nozzle body is just one of the fitting options and allows swath width to be easily adjusted. (Part # 15Q3570A)*

## Performance characteristics

BROADCAST APPLICATIONS			Application Rate (l/ha) Kilometres per hour											Swath width (m) @ 3 Bar
XT Model	Bar	l/min	4	5	6	7	8	10	12	14	16	18	20	
XT010 & XT010FC	2	3.2	124	99	83	71	62	50	41	35	31	28	25	3.9
	3	3.9	152	121	101	87	76	61	51	43	38	34	30	
	4	4.6	175	140	117	100	88	70	58	50	44	39	35	
XT020 & XT020FC	2	6.4	201	161	134	115	101	81	67	58	50	45	40	4.8
	3	7.9	247	197	165	141	123	99	82	71	62	55	49	
	4	9.1	285	228	190	163	142	114	95	81	71	63	57	
XT024 & XT024FC	2	7.7	237	189	158	135	118	95	79	68	59	53	47	4.9
	3	9.5	290	232	193	166	145	116	97	83	73	64	58	
	4	10.9	335	268	223	191	167	134	112	96	84	74	67	
XT043 & XT043FC	2	13.9	473	378	315	270	236	189	158	135	118	105	95	4.4
	3	17.0	579	463	386	331	289	232	193	165	145	129	116	
	4	19.6	668	535	446	382	334	267	223	191	167	149	134	
XT080	2	25.8	992	793	661	567	496	397	331	283	248	220	198	3.9
	3	31.6	1215	972	810	694	607	486	405	347	304	270	243	
	4	36.5	1403	1122	935	802	701	561	468	401	351	312	281	
XT167	2	53.8	1878	1502	1252	1073	939	751	626	537	469	417	376	4.3
	3	65.9	2300	1840	1533	1314	1150	920	767	657	575	511	460	
	4	76.1	2656	2125	1771	1518	1328	1062	885	759	664	590	531	
XT215	2	69.3	2122	1697	1414	1212	1061	849	707	606	530	471	424	4.9
	3	84.9	2598	2079	1732	1485	1299	1039	866	742	650	577	520	
	4	98.0	3000	2400	2000	1715	1500	1200	1000	857	750	667	600	

Application rates are based on the swath widths listed at 3 bar pressure and boom Height 1.2m. Use the following calculation if using a different swath:

$$L/ha = \frac{(L/min \times 600)}{(Km/h \times \text{swath width})}$$

Flow rates are based on water, allowance must be made for liquids of different viscosity and specific gravity.



### Threaded XT nozzles

Precision moulded polyacetal tip in a machined stainless steel body.

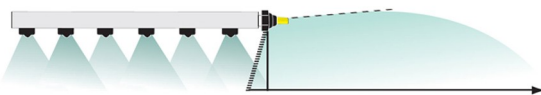
A kit consisting of polyacetal pattern generator, stainless steel flow insert and internal o-ring can be ordered as a replacement part that fits the existing stainless steel body and cap.



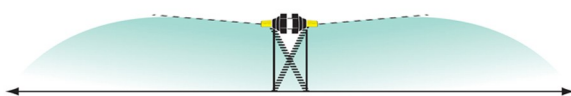
### FastCap XT

Precision moulded from polyacetal in an easy to handle FastCap that fits any standard nozzle holder. Includes tip, bayonet cap and seal.

### Common Uses of the XT nozzle



XT Spraying as the last nozzle on the boom

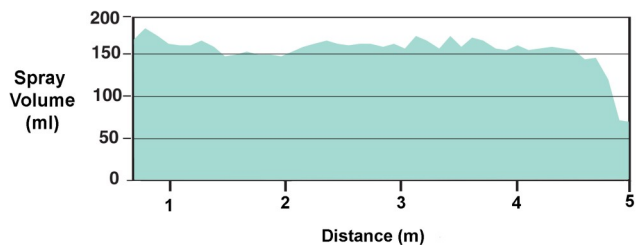


Boomless spraying with two XT nozzles



Boomless spraying with an additional centre nozzle

### Typical Spray Pattern Produced by XT Nozzle



### Adjustable Swath Width

Swath width can be increased or decreased by adjusting the angle of the tip +/- 18°.

