

# TRANSPLANTERS AT A GLANCE

Manufacturer/ Company Name	Product Name	Weight	Dimensions (L, W, H)	Total Air Consumption	Total VAC/ kVA	Finish Containers	Number Of Grippers	Gripper Sizes	How Many Plants Per Hour	Motor Type	Number Of Planting Combinations That Can Be Stored Internally	Changeover Time Between Combinations	Plug Tray Cell Size Range	Extras	Company Website
<b>Urbinati</b> (AgriNomix is the North American sales and service provider)	Urbinati RW2100 Twin Wireless Transplanter	2,800 lbs.	26 foot length x 7 foot width x 7 foot height	10 cubic feet per minute at 80 to 90 psi	230 VAC, 3 phase, 30 amps, 6 kilowatt	Most standard industry finish containers, except for 512 trays	Up to 72 (when pulling from a 288 tray)	One finger size; by changing the finger star and spacer when required, 288 through 50 cell plugs are accommodated	Up to 61,000 plugs depending on plug tray and finish container specs	Standard 3-phase totally enclosed fan-cooled motors on the belt conveyors, servo motors for the twin Z-axis transplanting finger gantries and 24 VDC motors on each individual finger	99	Up to 20 minutes depending on how many fingers or grippers need to be changed	Industry standard size trays except for 512	Double planting finger gantry with up to 72 fingers; wireless communication with fingers; pinching spade gripper design does not require push-up pins; user-friendly graphical touchscreen control; electronic planting depth and plug tray height adjustment; optional ethernet connection; optional email notification; optional webcam	AgriNomix.com
<b>TTA NL</b> (Distributed in North America by TTA USA, LLC)	CombiFix Plug Consolidation System	3,565 lbs.	12 foot, 5 inch length x 7 foot, 3 inch width x 6 foot, 11 inch height	20 cubic feet per minute at 80 psi	1 Phase, 230 V at 20 Amps	Donor and destination container match	12 to 32	.35 inches to .79 inches	Up to 12,000 plants per hour	Servo Controlled Gantry	25	15 minutes	512 to 72	Tray loading system, tray removal system	TTA-USA.com
<b>Hamilton Design &amp; TEA Project/Pischek Industries</b>	TEA CUBE600N Transplanter	1,213 lbs.	9.5 foot length (including exit platform) x 6.1 foot width x 6.5 foot height	3.5 cubic feet per minute	1.25 kVA (1kW – 110V or 220V single-phase supply)	Virtually all makes and sizes – flats/packs, pots in trays, and hanging baskets	Three to 12	1.18 inches (standard) or 2 inches (retrofitable option)	1,500+ plants per hour per head – Approx. 10,000 per hour with six heads.	DC	99 (plug trays) + 99 (containers)	20 to 30 seconds	Any tray up to 23.6 inches wide	None required	Hamilton-Design.co.uk
<b>Urbinati</b> (AgriNomix is the North American sales and service provider)	Urbinati RW2100 Wireless Transplanter	2,600 lbs	26 foot length x 6 foot width x 6.5 foot height	10 cubic feet per minute at 80 to 90 psi	230 VAC, 3 phase, 20 amps, 4 kilowatt	Most standard industry finish containers	Up to 48	One finger size; by changing the finger star and spacer when required, 512 through 50 cell plugs are accommodated	Up to 48,000 plugs depending on plug tray and finish container specs	Standard 3-phase totally enclosed fan-cooled motors on the belt conveyors, servo motors for the twin Z-axis transplanting finger gantries and 24 VDC motors on each individual finger	99	Up to 15 minutes depending on how many fingers or grippers need to be changed	Industry standard size trays	Can be optioned to operate in a three-plug tray or continuous plug tray mode; wireless communication with fingers; pinching spade gripper design does not require push-up pins; user-friendly graphical touchscreen control; electronic planting depth and plug tray height adjustment; optional ethernet connection; optional email notification; optional webcam	AgriNomix.com
<b>TTA NL</b> (Distributed in North America by TTA USA, LLC)	PackPlanter Automated Transplanter	2,765 lbs.	26 foot length x 6 foot, 4 inch width x 7 foot, 6 inch height	3 cubic feet per minute at 80 psi	1 Phase, 230 V at 20 Amps	Any industry standard bedding flat, Shuttle trays, and pots up to 12 inches tall	12 to 36	.39 inches to 2 inches	13,500 to 40,500 plants per hour	Servo Controlled Gantry	25 donor and 50 destination, totaling 1,250 combinations	Donor changeover takes 15 minutes, destination changeover takes 10 minutes	512 to 50	Flat holding unit, empty donor tray removal conveyor, single line pot system, donor tray loading system, destination removal conveyor	TTA-USA.com
<b>Urbinati</b> (AgriNomix is the North American sales and service provider)	Urbinati RW1500 Wireless Transplanter	1,653 lbs.	17 foot, 2 inch length x 5 foot, 9 inch width x 6.5 foot height	10 cubic feet per minute at 80 to 90 psi	230 VAC, 3 phase, 16 amps, 3 kilowatt	Most standard industry finish containers	Up to 24	One finger size; by changing the finger star and spacer when required, 512 through 50 cell plugs are accommodated	Up to 24,000 plugs depending on plug tray and finish container specs	Standard 3-phase totally enclosed fan-cooled motors on the belt conveyors, servo motors for the twin Z-axis transplanting finger gantries and 24 VDC motors on each individual finger	99	Up to 15 minutes depending on how many fingers or grippers need to be changed	Industry standard size trays	Can be optioned to operate in two plug tray mode; wireless communication with fingers; pinching spade gripper design does not require push-up pins; user-friendly graphical touch-screen control; electronic planting depth and plug tray height adjustment; optional ethernet connection; optional email notification; optional webcam	AgriNomix.com
<b>TTA NL</b> (Distributed in North America by TTA USA, LLC)	PackPlanter Wireless Automated Transplanter	3,765 lbs.	30 foot, 8.5 inch length x 9 foot, 9.5 inch width x 7 foot, 6 inch height	4 cubic feet per minute at 80 psi	3 Phase, 230 V at 20 Amps	Any industry standard bedding flat, Shuttle trays, and pots up to 14 inches tall	24 to 64	.39 inches to 2 inches	27,000 to 72,000 plants per hour	Servo Controlled Gantry	25 donor and 50 destination, totaling 1,250 combinations	Donor changeover takes five minutes, destination changeover takes the push of a button	512 to 50	Flat holding unit, empty donor tray removal conveyor, single line pot system, split frame	TTA-USA.com
<b>Visser Horti Systems</b>	PC-16 Transplanting Machine	3,417 lbs.	18 to 26 foot length x 8.5 foot width x 7.4 foot height	12.4 cubic feet per minute	Not provided	Not provided	30 (variable)	Customizable	30,000 depending on combination and number of grippers	Not provided	100 (variable)	Two to five minutes	512 to 72 (sometimes 50) with a standard gripper	Not provided	Visser-na.com