

DynaJet® Flex 7120

NOZZLE CONTROL SYSTEM



Increased Spraying Productivity, Improved Droplet Size Management

The new DynaJet Flex 7120 Nozzle Control System uses pulse width modulation (PWM) technology with solenoid operated tip shutoffs allowing the operator to control tip flow rate and droplet size independent of one another.

The compact, touchscreen display mounted in the cab allows for easy setup and operation while consuming minimal cab space. The e-ChemSaver® solenoid-operated tip shutoffs mounted at each nozzle body along the boom control liquid flow based on commands that modulate the “on” vs “off” time of each nozzle. The nozzle switches on and off 10 times each second, resulting in fast reaction times and even spray coverage.

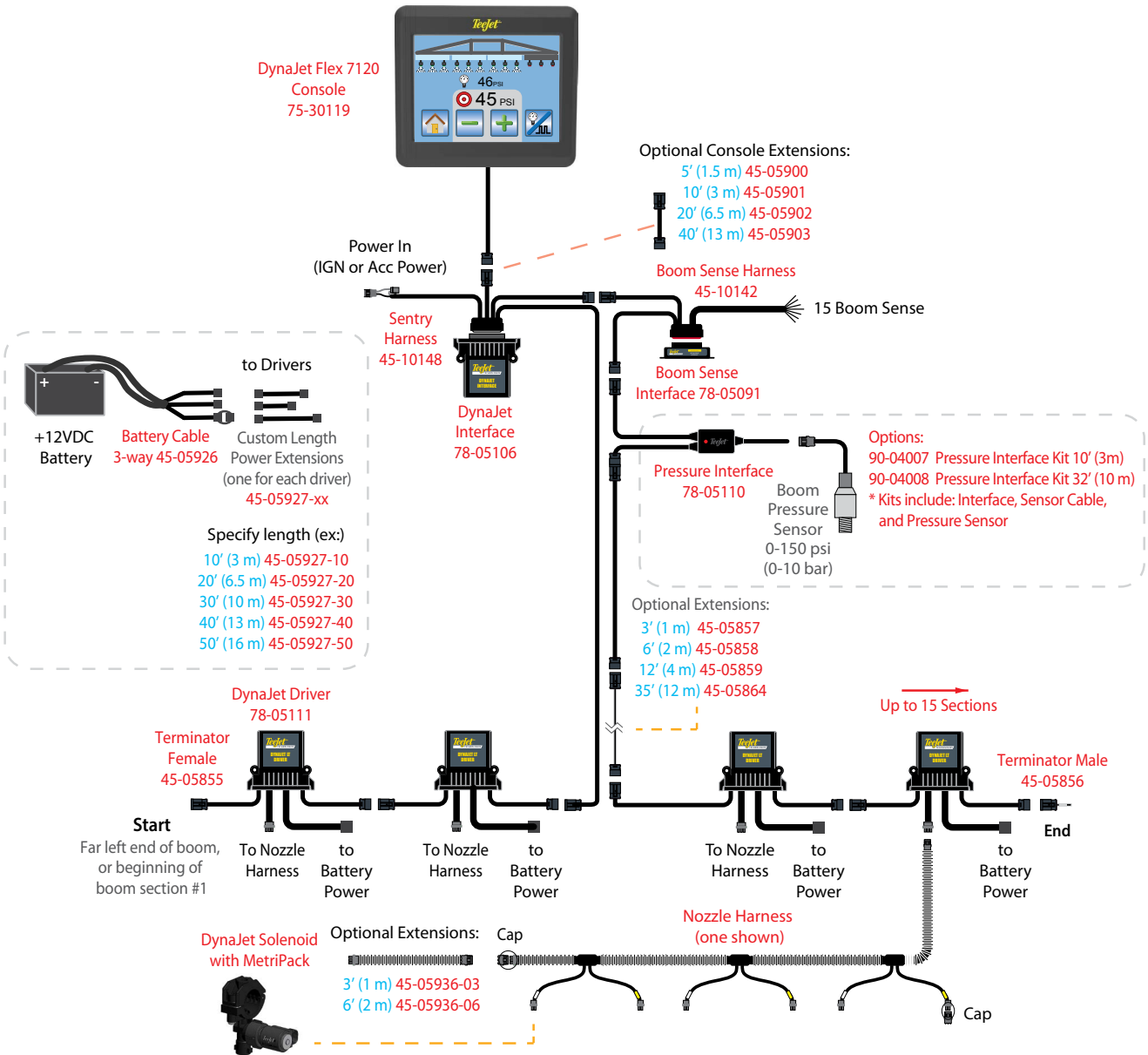
By varying the duty cycle of the e-ChemSaver flow rates can be varied without changing system pressure, resulting in a consistent droplet size across a wide range of ground speeds and application rates. Conversely, this system also allows the

operator to vary droplet size as needed from the cab while maintaining a fixed application rate. The DynaJet Flex 7120 works in conjunction with the sprayer's existing rate control system to provide a complete spray control solution. It uses a modular, expandable design that allows it to be installed on a wide range of sprayers from compact golf/turf machines to the largest self-propelled models on the market.

Key Benefits:

- Improve sprayer productivity by maintaining a constant application rate over a wider range of ground speeds.
- Select and maintain a constant droplet size across a wider range of speeds and pressures without changing tips.
- Minimize drift and maximize coverage by maintaining the optimum droplet size.
- Vary the capacity of your spray tips from the cab.

System Diagram



	15" (35 cm) Spacing	20" (50 cm) Spacing	30" (75 cm) Spacing
DIN	2 nozzle 45-05931-15-02	45-05931-20-02	45-05931-30-02
	4 nozzle 45-05931-15-04	45-05931-20-04	45-05931-30-04
	6 nozzle 45-05931-15-06	45-05931-20-06	45-05931-30-06
	8 nozzle 45-05931-15-08	45-05931-20-08	45-05931-30-08
	10 nozzle 45-05931-15-10	45-05931-20-10	45-05931-30-10
	12 nozzle 45-05931-15-12	45-05931-20-12	45-05931-30-12

	15" (35 cm) Spacing	20" (50 cm) Spacing	30" (75 cm) Spacing
MetriPack	2 nozzle 45-05935-15-02	45-05935-20-02	45-05935-30-02
	4 nozzle 45-05935-15-04	45-05935-20-04	45-05935-30-04
	6 nozzle 45-05935-15-06	45-05935-20-06	45-05935-30-06
	8 nozzle 45-05935-15-08	45-05935-20-08	45-05935-30-08
	10 nozzle 45-05935-15-10	45-05935-20-10	45-05935-30-10
	12 nozzle 45-05935-15-12	45-05935-20-12	45-05935-30-12

