

# DYNAJET IC7140

## SETUP OPTIONS FOR SOFTWARE v1.01

### Main Setup -> Machine Setup

Description	Factory Default	Range/Options	Suggested Setting	Use Default
Number of Sections with one (1) BIM	0	1 - 15		
Number of Sections with two (2) BIMs	5	1 - 30		
Nozzles per Section	3	1 - 240		
Nozzle Spacing	50 cm / 20 in	1 - 2,000 cm / 1 - 787 in		
Pressure Sensor Maximum	10 bar / 145 psi	5.00 - 30.00 bar / 73 - 435 psi		
Minimum Duty Cycle	30%	20% - 40%		
Control Hold Delay	1.0 seconds	0.0 - 10.0 seconds		
Coarse Gain	4	1 - 20		
Fine Gain	6	1 - 20		

### Main Setup -> OEM Settings

Description	Factory Default	Range/Options	Suggested Setting	Use Default
PWM Frequency	20 Hz	5 - 25 Hz		
On Impulse Duration	38 counts	0 - 128		
Hold Current Frequency Adjustment	10 counts	5 - 20		
Hold Current Duty Cycle	5 counts	1 - 20		
Phase Offset	128 counts	0 - 255		
Jump Point	0.35 bar / 5 psi	0.00 - 2.11 bar / 0 - 31 psi		
Maximum Duty Cycle	92%	70% - 100%		
PWM Off Time	20	0 - 100		
Low Voltage Limit	11.0V	0.0 - 20.0V		
High Voltage Limit	15.0V	0.0 - 20.0V		
Low Amps Limit	0.4A	0.0 - 20.0A		
High Amps Limit	1.2A	0.0 - 20.0A		
High Pressure Alarm	6.0 bar / 87 psi	4.0 - 25.0 bar		
Droplet Size Damping	0.10	0.01 - 0.99		
ECU Orientation	Horizontal, Label Up	<ul style="list-style-type: none"> <li>• Horizontal, Label Up</li> <li>• Horizontal, Label Down</li> <li>• Vertical, Connectors Up</li> <li>• Vertical, Connectors Down</li> <li>• Vertical, Left Edge Up</li> <li>• Vertical, Right Edge Up</li> </ul>		

## Main Setup -> User Interface

Description	Factory Default	Range/Options	Suggested Setting	Use Default
Use Preferred UT	Off	<ul style="list-style-type: none"> <li>• Off</li> <li>• On</li> </ul>		
Boom Section Beep	Off	<ul style="list-style-type: none"> <li>• Off</li> <li>• On</li> </ul>		
Turn Compensation Visual	On	<ul style="list-style-type: none"> <li>• Off</li> <li>• On</li> </ul>		

## Nozzle Favourites

Order	Specific Nozzle	Nozzle Series	Nozzle Capacity
#1			
#2			
#3			
#4			
#5			

## NOTES


