

# DynaGen<sup>™</sup> RAPIDCORE<sup>™</sup> CONFIGURATION SOFTWARE



## FOR TOUGH SERIES CONTROLLERS

HIGHLIGHTS	•	Easy to use software interface means you don't need computer programming experience Clear, annotated drop down boxes and menu system guide users quickly through programming configuration Software updates delivered faster to controller
FEATURES	•	<ul> <li>Configurations:</li> <li>Adjust safety set-points and calibrations</li> <li>Create your own input and output logic combinations</li> <li>Setup front panel speed control</li> <li>Setup: <ul> <li>Use a standard USB cable to your computer</li> <li>Simultaneously store configurations into multiple controllers in one click</li> </ul> </li> <li>Diagnostics: <ul> <li>Download the event log from the controller for up to 150 events</li> <li>Create your own text names for engine diagnostic trouble codes</li> </ul> </li> <li>Setup your own sensor tables</li> <li>Customize the CANbus settings</li> </ul>





### **EXAMPLE: ENGINE DRIVEN HYDRAULIC UNIT**

Use the powerful auxiliary sensor function to create a new custom sensor for hydraulic pressure using a 0-20mA input.

- · Display hydraulic pressure on the LCD screen
- Use the hydraulic pressure to set high and low safety set-points
- Automatically start the engine when the pressure drops to a pre-defined level. Stop when pressure reaches a second level

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Home Yanmar Stage 5.settings	Settings2
TE410 (Firmware 1.94) More Details	
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4 Operator Setup	Aux Sensor 1
4 Display	Signal Source Sensor Port C 🔻
Display Page 1 Parameters	Function Select Start on Low -
Display Page 2 Parameters	Trim Offset 0 PSI
Date / Time	
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4 Pumping Applications	Name: 4-20 HYDR PSI> 4-20 HYDR PSI
Tank Maximum	Input Type: 4-20mA Y Unit Type: Pressure Y
Closed Loop Control	
4 Switched I/O	Sender: 0 PCI to 200 PCI * Edit
<ul> <li>Switched Inputs</li> </ul>	Sender: 0 PSI to 200 PSI
Switched Outputs	
4 Sensors	Bypass Time 30 s 🛲 🐈
4 Battery	Display O Disable   Enable
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<ul> <li>A Speed Settings</li> </ul>	
Ramp Settings	
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Setpoints	Stop Level 2350 PSI — 📥 🗌 Disable
RPM Output	
Index A Engine Temperature	
Setpoints	
<ul> <li>Oil Pressure</li> </ul>	
Setpoints	
✓ Fuel Level	
Aux Sensor 1	
Function Settings V	

#### **EXAMPLE: GENERATOR FOR CHARGING BATTERIES**

- Setup sensors to monitor lower engine temperature or low battery voltage
- Create logic to trigger starting and running of the engine for a minimum of two hours
- Keep the batteries at the optimum charge at all times.

RC RapidCore Configuration Software Home Yanmar Stage 5.settings TE410 (Firmware 1.94) More De Close Save Save As Import From File Convert Export Link Options
 Options
 Options
 Options
 Operator Setup
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 Date / Time
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Enable Function Settings Run Time min 💳 📥 📗 Disable 
 Start Level
 22.2
 V
 Image: Constraint of the start of Thompson ET12 Actuator Fuel Selection

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EN-2022-03-V2



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