

The logo for D7 CONTROL SYSTEM. It features a large, stylized orange 'D7' on the left, followed by the words 'CONTROL' and 'SYSTEM' in white, stacked vertically on the right.

GET THE MOST OUT OF YOUR TCi HARVESTING HEAD,
WITH THE TCi D7 CONTROL SYSTEM.



THE TCi D7 CONTROL SYSTEM

D7

Monitor your harvesting head to ensure maximum productivity with the TCi D7 control system.

THE D7 ADVANTAGE

- ▶ Simplified, intuitive user interface
- ▶ Customizable settings for multiple operators
- ▶ Large, colour touchscreen display
- ▶ Multiple production reports

Two system levels for priority bucking or full optimization:

- ▶ TCi D7 Priority
- ▶ TCi D7 Optimization

The TCi D7 control system pairs field-proven hardware and bucking control with head control and a user interface developed by Tigercat Industries for simple, intuitive operation.



The user friendly interface allows the operator to see all critical operating data in real time. The system is highly configurable and can be customized to each operator's preferences. Day and night display modes are standard on all systems and easily selected from the main operating screen.

TCi[®]



DAY MODE



NIGHT MODE

RUNNING A HARVESTING HEAD DOESN'T NEED TO BE COMPLICATED

TCi D7 control systems offer clean and easy to follow screen layouts with touch control to make getting what you need simple and intuitive.

- ▶ All real time production data is large, easy to read, and logically presented to give you an at-a-glance reference, fast.
- ▶ Simple indicators provide critical feedback
- ▶ Current stem progress and production data are displayed for easy tracking and reference



**Monitor lengths, diameters
and species in real-time to
ensure maximum productivity.**

TCi[®]



A pop-up menu on the main screen allows quick navigation to key adjustment settings.

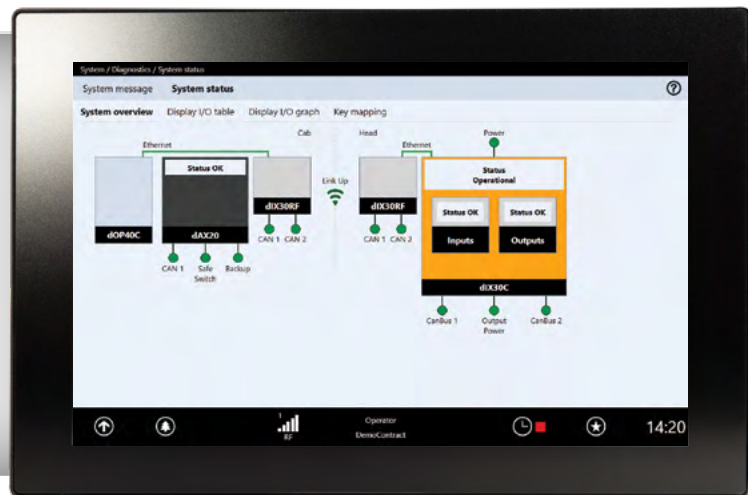
- ▶ Touching the up arrow icon allows easy navigation to the various menus
- ▶ Touching the gear icon returns to the last viewed settings screen
- ▶ Settings pages are clearly labeled and organized



UPTIME IS CRITICAL

Uptime is critical to any operation. TCi D7 control systems make diagnosing faults quick and easy.

The diagnostics screen including a map of the system.



Touching one of the modules on the map shows you key diagnostic information.

The screenshot shows a 'Hardware' screen with 'RF Status' information. It includes a table for 'Information (Cals)' and a table for 'CAN' bus data.

Information (Cals)		RF Status	
Software version	A.0.12		
Hardware version	3.0		
Serial number	113		
Text	1600-00		
Ethernet			
Received bytes/s	2252		
CAN		RF Status	
Type	Status	Messages	Error Frames
		9	0
		17	33
CAN 1	OK	17	33
CAN 2	OK	167	171
		1	7035275

Buttons at the bottom: 'Filtering', 'Update RF Parameters', 'Reset counters', and 'OK'.

ADAPT THE SYSTEM, NOT THE OPERATOR

D7

Good operators are hard to find. Let each operator have what they want, all in one system:

- ▶ Over 120 operator-specific parameters to tailor to each operator's desires
- ▶ Multiple password protected logins give each operator their own identity
- ▶ Various access levels are available for flexible management of operators



SPECIFICATIONS

D7 PRIORITY

D7 OPTIMIZATION

OPERATIONAL

BUCKING CONTROL	Diameter and length	Value, Demand and Limit
REPORTS	Advanced production reports; Multiple logging contracts; One/all operators, diff vol. meas.; Report transfer to USB drive; Reports available through RemoteLog®	Advanced production reports; Multiple logging contracts; One/all operators, diff vol. meas.; Report transfer to USB drive; Reports available through RemoteLog®
NUMBER OF OPERATORS	60	60
JOB / CONTRACTS	Multi-site	Multi-site
SPECIES	10	10
LENGTH PRESETS	Yes	Yes
PRODUCT GROUPS	Yes	Yes
GRADES	No	Yes

HARDWARE

COMPUTER	AMD PC base system	AMD PC base system
DISPLAY	305 mm (12 in) touchscreen	305 mm (12 in) touchscreen
INTERNAL STORAGE	128 GB SSD	128 GB SSD
EXTERNAL STORAGE	USB ports (external)	USB ports (external)
RAM	4.0 GB	4.0 GB
USB PORTS	8 display	8 display
O/S	Windows 10	Windows 10
ETHERNET	Yes	Yes

SUPPORTED OPTIONS

WIRELESS MINI KEYBOARD	Yes	Yes
BLUETOOTH	Yes	Yes
MODEM	Yes, GSM	Yes, GSM
EMAIL	Yes	Yes
WIRELESS DATA TRANSFER	Yes	Yes
INTERNET	Yes	Yes
ELECTRONIC CALIPERS	Yes	Yes
GPS MAPPING	Yes	Yes
COLOUR MARKING BUTT END/TOP END	Yes	Yes
STUMP TREATMENT	Yes	Yes
FIND END SENSOR	Yes	Yes
MULTI STEM HANDLING	Yes	Yes
TOP SAW	Yes	Yes
METRIC AND IMPERIAL MEASUREMENT	Yes	Yes
WIRELESS HEAD COMMUNICATION	Yes	Yes
SCHEDULED SETTINGS BACKUP	Yes	Yes
BASE MACHINE CONTROL	Yes	Yes
OPERATIONS MONITORING	Yes	Yes
SIMULATOR	Yes	Yes

SUPPORTED LANGUAGES

English, French, Spanish, Portuguese, Swedish, Finnish, Norwegian, Russian

CALIBRATIONS

LENGTH CALIBRATION	Per species; Butt log	Per species; Butt log
DIAMETER CALIBRATION	Per species; Individual diameter calibrations; Curves individual points; Displace whole curve	

SYSTEM COMPLIANCE

StanForD 2010	Yes	Yes
StanForD CLASSIC	Yes	Yes

DIAGNOSTICS

INPUT TESTING DIAGNOSTICS	Yes	Yes
OUTPUT TESTING DIAGNOSTICS	Yes	Yes
ADDITIONAL DIAGNOSTICS	Short circuit, Open circuit, Low 5V voltage, High 5V voltage, Low 24V voltage, High 24V voltage, High temp (IO12 units), Various CAN/communication	Short circuit, Open circuit, Low 5V voltage, High 5V voltage, Low 24V voltage, High 24V voltage, High temp (IO12 units), Various CAN/communication

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