

D7 CONTROL SYSTEM



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

TCI[®]

THE TCi D7 CONTROL SYSTEM



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.

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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.

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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



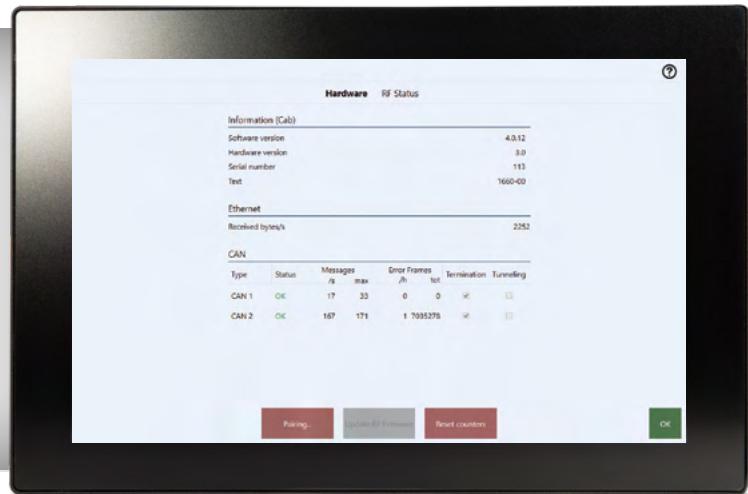
UPTIME IS CRITICAL

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.



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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 |
| JOBS / 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 (IO 12 units), Various CAN/communication | Short circuit, Open circuit, Low 5V voltage, High 5V voltage, Low 24V voltage, High 24V voltage, High temp (IO 12 units), Various CAN/communication |

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