Get the D5 Advantage

The **Tigercat D5 control system** helps you get the most from your Tigercat harvesting head. The system helps you monitor your harvesting head to ensure maximum productivity.

The D5 control system combines field-proven hardware and bucking control with a Tigercat developed user interface, offering simplicity and intuitive operator navigation.

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.

The Tigercat D5 control system is available in three levels of bucking control and reporting:
• Tigercat D5 Prio
• Tigercat D5 Prio PC
• Tigercat D5 Optimization

D5

Tigercat®
Tough • Reliable • Productive

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

- Over 70 operator-specific parameters to tailor controls to each operator's desires.
- Multiple password protected logins give each operator their own identity.
- Three levels of access allows for flexible management of operators.

Adapt the system, not the operator.

Display module

Handle options for operator preference

Main computer

Optional printer

Harvesting head modules (3)

Carrier control screen

Intuitive Data

Tigercat D5 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.

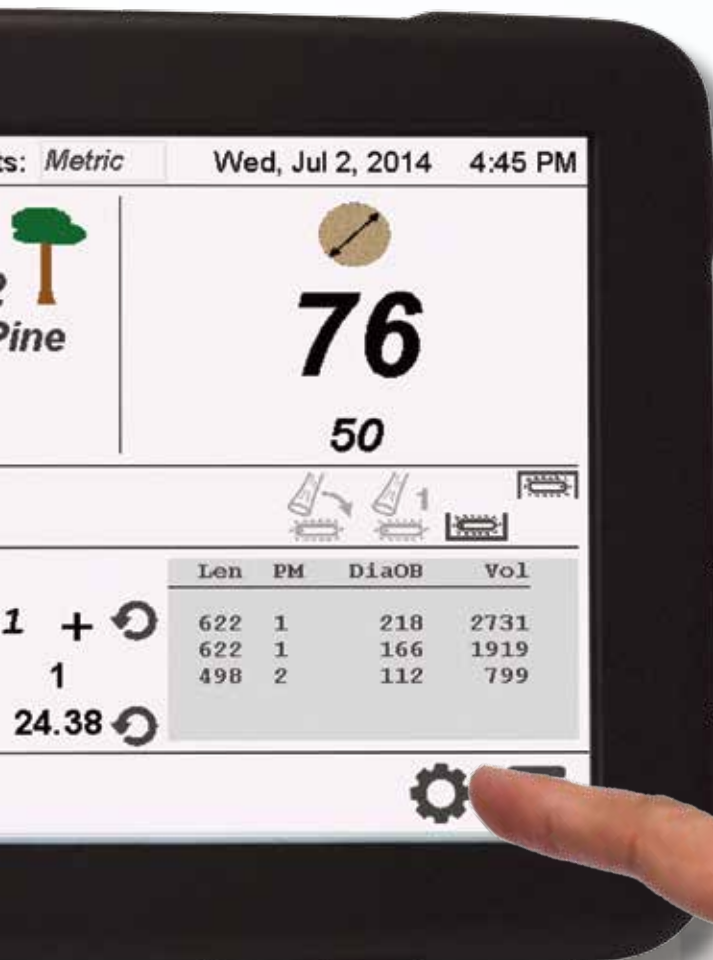• Current stem progress and production data are displayed for easy tracking and reference.

Running a harvesting head doesn't need to be complicated.

Easy Navigation

When on-the-fly adjustments are required, the Tigercat D5 control system uses common sense shortcuts right from the operating screen. The touch screen functionality allows the operator to make adjustments as easily as using a smartphone or tablet.

ts: *Metric*	Wed, Jul 2, 2014	4:45 PM		

Pine

76

50

Len	PM	DiaOB	Vol
622	1	218	2731
622	1	166	1919
498	2	112	799

1 +

1

24.38

- Touching the length or diameter log symbols immediately direct you to the calibration setting screens, which just makes sense.

- Indicator icons link to relevant setting screens.

- Production windows link directly to production reports and bucking instructions.

With the Tigercat D5 control system, it isn't.

Settings Made Simple

Maximize the potential of your operator by using a system that deciphers machine settings and makes it easy to get what you want.

Production	Measuring	⚙ Settings	∿ Diagnostics	System
Machine		Head	Operating	Other
Feed	Saw	Tilt	Knives	Pressures

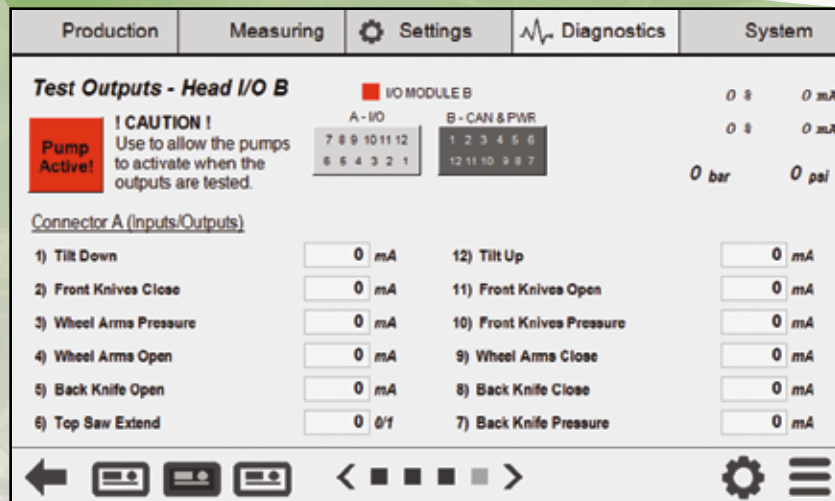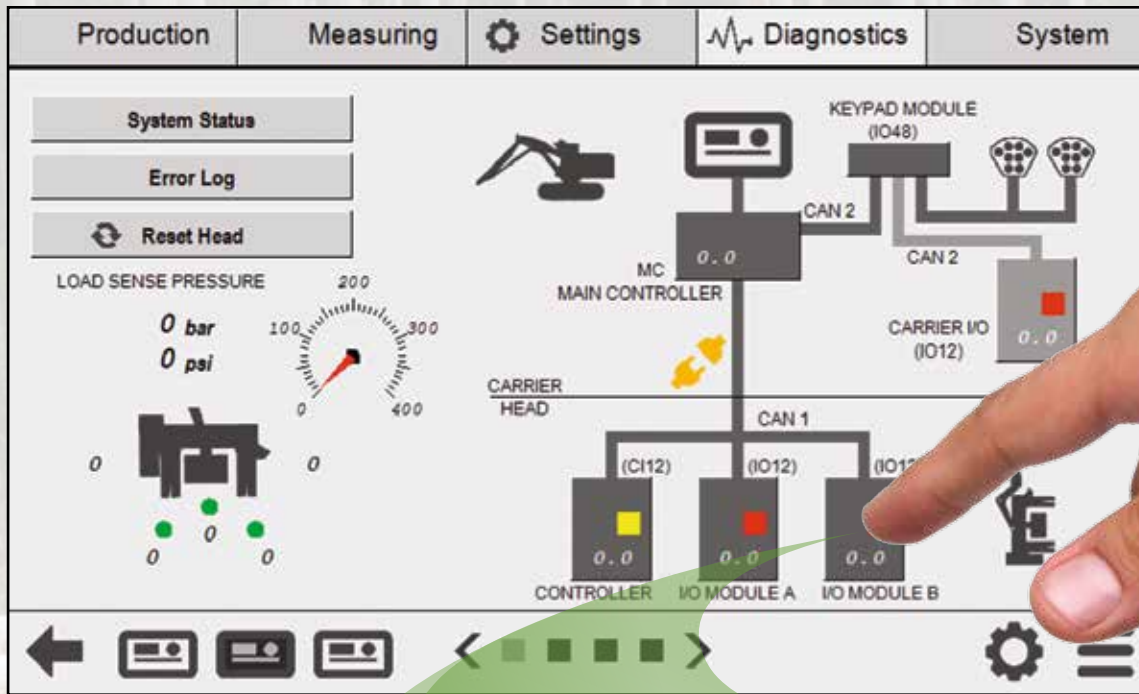|			
Tilt Up Time	3500 ms	Tilt Time at Start of Feed	450 ms
Tilt Down Time	1000 ms	Dia. Limit - Tilt On Feed Fwd.	300 mm
		Dia. Limit - Tilt On Feed Rev.	300 mm
Tilt Float Current	350 mA	Dia. Limit - Tilt Lock On Saw	0 mm
Auto Tilt Up	1		
Auto Tilt Delay	3000 ms		
		Tilt for Picking	Off
Tilt Release	Saw Return	Tilt for Picking Delay	1000 ms

- Simple menus give quick access to machine settings for fine tuning your head to your operation.
- Multiple access levels limit unwanted settings adjustments, giving you piece of mind.
- Over 70 custom settings for your operators, right down to the joystick button functions.

Quick Diagnostics

Uptime is critical to any harvesting or processing operation. Tigercat D5 control systems make diagnosing faults quick and easy.

• The main diagnostics screen is a map of the system. Simply touching a controller icon takes you directly to where you need to be.

	Tigercat D5 Prio	Tigercat D5 Prio PC	Tigercat D5 Optimization
OPERATIONAL			
BUCKING CONTROL	Diameter and length	Diameter and length	Value
REPORTS	Basic reports based on production per operator and/or per register (job)	Advanced production reports Multiple logging contracts One/all operators, diff vol. meas.	Advanced production reports Multiple logging contracts One/all operators, diff vol. meas.
NUMBER OF OPERATORS	5	60	60
JOBS / CONTRACTS	3 (Via the general registers)	Multi-site	Multi-site
SPECIES	6	Yes, unlimited	Yes, unlimited
LENGTH PRESETS	30/Species	Yes, unlimited	Yes, unlimited
GRADES/SORTS	No	Yes, unlimited	Yes, unlimited
HARDWARE			
COMPUTER	Mobile PC base system	Pentium PC Base System	Pentium PC base system
DISPLAY	230 mm (9 in) touchscreen	305 mm (12 in) touchscreen	305 mm (12 in) touchscreen
INTERNAL STORAGE	512 MB compact flash	30GB HDD	30GB HDD
EXTERNAL STORAGE	USB ports (external)	USB ports (external)	USB ports (external)
RAM	256 MB	512 MB	512 MB
USB PORTS	1 display 4 d5MC	4 display 4 d5MC	4 display 4 d5MC
O/S	Windows compact 7.0	Windows XP	Windows XP
ETHERNET	Yes	Yes	Yes
SUPPORTED PERIPHERALS/OPTIONS			
PRINTER	Yes, limited	Yes	Yes
BLUETOOTH	No	Yes, via USB	Yes, via USB
MODEM	No	Yes, GSM	Yes, GSM
EMAIL	No	Yes	Yes
WIRELESS DATA TRANSFER	No	Yes	Yes
INTERNET	No	Yes	Yes
ELECTRONIC CALIPERS	No	Yes	Yes
GPS	No	Yes	Yes
COLOUR MARKING	No	Yes	Yes
STUMP TREATMENT	Yes	Yes	Yes
FIND END SENSOR	Yes	Yes	Yes
MULTI STEM HANDLING	No	Yes	Yes
TOP SAW	Yes	Yes	Yes
METRIC AND IMPERIAL MEASURMENT	Yes	Yes	Yes
SUPPORTED LANGUAGES			
ENGLISH	Yes	Yes	Yes
FRENCH	Yes	Yes	Yes
SPANISH	Yes	Yes	Yes
PORTUGUESE	Yes	Yes	Yes
SWEDISH	Yes	Yes	Yes
FINNISH	Yes	Yes	Yes
NORWEGIAN	Yes	Yes	Yes
RUSSIAN	Yes	Yes	Yes
CALIBRATIONS			
VOLUME CALCULATION	Solid measured (every 10 cm)		
LENGTH CALIBRATION	Per species Butt log	Per species Butt log	Per species Butt log
DIAMETER CALIBRATION	Displace whole curve	Per species Individual diameter calibrations Curves individual points Displace whole curve	Per species Individual diameter calibrations Curves individual points Displace whole curve
STANFORD	No	Yes	Yes
DIAGNOSITCS			
INPUT TESTING DIAGNOSTICS	Yes	Yes	Yes
OUTPUT TESTING DIAGNOSTICS	Yes	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	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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