

## ***xCrane PLUS***

Advanced crane control system



**Gain maximum productivity  
with the smart xCrane PLUS  
crane control system**

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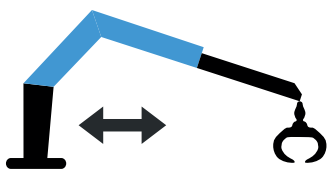


## Unlock advanced multi-joint control with **xCrane PLUS**

**xCrane PLUS** is a perfect fit for cranes whether you operate with a harvester, forwarder, truck or tractor. **xCrane PLUS** is widely used by OEM machine manufacturers but it is also an excellent choice for retrofit installations.

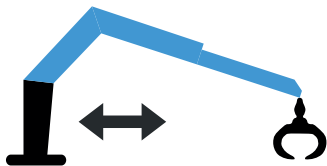
### **xCrane PLUS** functionality overview:

- **xCrane PLUS** – smart control system for cranes without sensors. **xCrane PLUS** enables controlling multiple crane movements simultaneously with one control from the joysticks. The operator can select between a traditional forestry crane control and the PLUS mode simply from the touch screen display.
- The forestry crane with **xCrane PLUS** works as a parallel crane just by choosing the multi-joint mode from the display. In the multi-joint mode the lift boom and the outer boom are operated simultaneously with one joystick control. In this mode the operator can also activate the automatic extension. When this is selected, the control imitates tip control mode; the lift boom, outer boom and extension are moving at the same time with a left-hand joystick movement.
- The operator can adjust the ratio of movements to fit the crane's mechanical structure and driving style of the operator from the display.



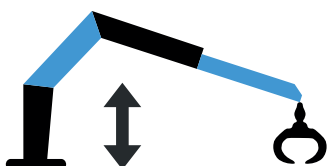
#### **Parallel crane movement with manual extension control**

The operator can select a control method where the main boom and outer boom are moving simultaneously when controlling only the outer boom.



#### **Parallel crane movement with automatic extension control**

The operator can select a control method where the extension, main boom and outer boom are moving simultaneously when controlling only the outer boom.



#### **Extension/Lift movement with manual outer boom control**

The operator can select a control method where the extension and the lift boom are moving simultaneously when controlling only the lift boom.





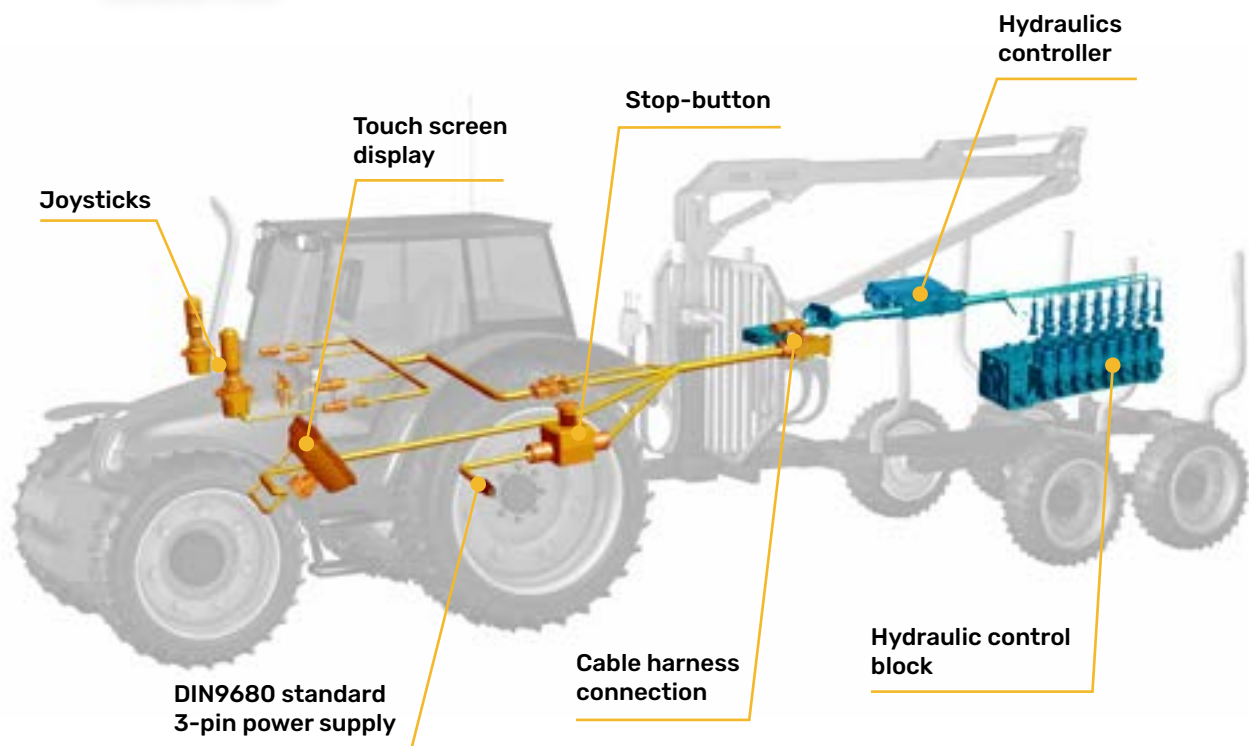
#### **xCrane PLUS** system features:

- The standard system supports up to 24 hydraulic movements and extendable with extra IO-modules to enable trailer functions e.g.
- 4,3" (optional 5") touch screen display
- Speed, ramp and progression adjustments for each movement
- Joystick calibration, filtering and deadband
- Working hours counter
- Technion Quick Trim adjusts crane speed in order to optimize productivity
- Scalable using optional features
- Ability to float the crane during trailer transportation
- Free-of-charge configuration tool available for configuring the xCrane system

#### **Customizable options:**

- Seat and door switches
- Different joystick types
- Oil temperature and pressure measurement
- Compatibility with wireless remote controller
- Inductive sensor for extension is recommended with xCrane Plus
- Different modes for trailer traction control:
  - \*Automatic
  - \*Potentiometer
  - \*ISOBUS
- Integration with the iLogger/xLogger-system

#### **xCrane PLUS** System Schematics



## *xCrane PLUS*

Learn more about our crane control systems  
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