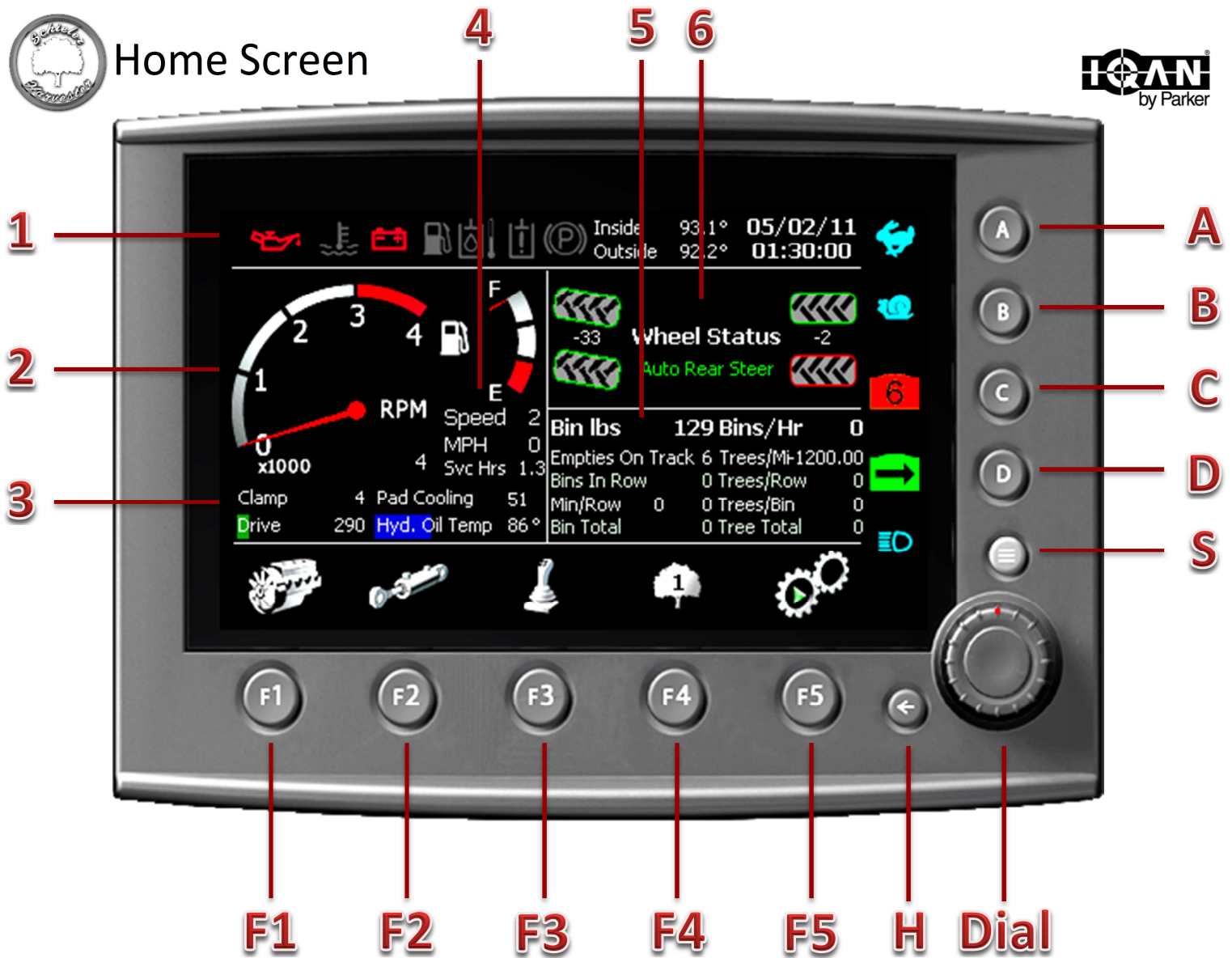




# Home Screen



## Controls

- F1) Go to the **Engine Screen**
- F2) Go to the **Hydraulics Screen**
- F3) Go to the **Controls Screen**
- F4) Go to the **Yield Info Screen**
- F5) Go to the **Automation Screen**
- H) Return to the **Home Screen** (this screen)
- S) Go to the **Settings Screen**
- A) Increase **Throttle**
- B) Decrease **Throttle**
- C) Enable/Disable **Bin 6 Feature**
- D) Enable/Disable **Automatic Bin Track, Flap Reset, & Auto Kick Bin**
- Dial) **Push** – Allows you to adjust **Conveyor Speed**. **Turn Right** – Allows you to adjust **Target Bin Weight**. **Turn Left** – Allows you to adjust **Pad Cooling Duration**. **Push Again** to accept the new setting from any of these adjustment screens.

## Status

- 1) **Warning Lights** – Will indicate when an unsafe limit is reached. The **Brake Indicator** will come on when the **Parking Break** is applied, the **Foot Break** is applied, or when the harvester is in **Shake Mode**.
- 2) **Engine RPM**
- 3) **Common Pressures & Temp** (These should be monitored **often!**)
  - **Clamp** (Safe range is 0 to 1500)
  - **Drive/Shake** (Safe range is 0 to 2500)
  - **Pad Cooling Pressure** – When “**Pad Cooling**” text is **green**, indicates water valve is open. When **Pressure** text is **green**, indicates that the pump is running. Both of which should always happen momentarily when wrapping. (Safe range is 30 to 60)
  - **Hydraulic Oil Temp** (Safe range is 0 to 190)
- 4) **Fuel Level, Speed Level, Service Hours**
  - **Speed** is determined by how many wheel motors are disabled, 1-4
  - **Service Hours** accumulate until reset. The reset is on the **Engine Screen**.
- 5) **Yield Information**
  - **Bin lbs** – Net weight of bin
  - **Bins/Hr** – Rate of bins per hour harvested, calculated from last bin to bin time
  - **Empties On Track** – How many empty bins that should be on the **Sidetrack**
  - **Bins In Row** – How many bins have been kicked off since the last turn
  - **Min/Row 1<sup>st</sup> #** – Estimate of how long the row will take to finish, based on trees/min
  - **Min/Row 2<sup>nd</sup> #** – How many minutes the last row took to harvest
  - **Bin Total** – How many bins have been harvested (Reset is on the **Yield Info Screen**)
  - **Trees/Min** – Rate of trees per minute being harvested, based on tree to tree time
  - **Trees/Row** – How many trees were in the last row harvested
  - **Trees/Bin** – How many trees it took to fill the last bin
  - **Tree Total** - How many trees have been harvested (Reset is on the **Yield Info Screen**)
  - **In Almond Hopper Mode**, bin information is not visible.
- 6) **Wheel Status & Automation Indicators**
  - Displays the orientation of front and rear wheels to visually assist with steering
  - Wheels that are disabled will show in **red**
  - **Auto Rear Steer** is displayed when rear wheels are in auto centering mode
  - **Auto Unwrap** will display when triggered by **Unwrap Button** & while **Automation** is enabled
  - **Auto In** will display when triggered after **Auto Unwrap** has initiated

## Functions

### C) Bin 6 Feature

This is used for short rows to avoid leaving more than 6 bins behind the harvester, allowing the bin carrier to drive all the way through, during pickup of full bins. When enabled, the track will automatically, consecutively kick off 6 bins then stop the conveyors and not advance any more bins until either a turn has been made or the feature disabled. (Ideally, you would hold the last bin, as long as it's possible, turn out of the row and kick the bin off on the end, not in the row.)

### D) Automatic Bin Track, Flap Reset, & Auto Kick Bin (This single button has several functions)

#### Normal operation – Push to Enable, Push to Disable

**When Enabled**, a bin will be automatically kicked off, once the target weight of the bin has been reached. The “kick off” will not occur until the harvester has started to slide the catching frame back in. It is normal for the conveyors to start and stop a few times when the bin is “topped off”. The computer is waiting to see the target weight for longer than 5 seconds, before initiating the “kick off”, to ensure the bin is full.

**When Disabled**, a bin will not advance automatically, but conveyors will stop, when the bin is full. Shaking with a full bin, with conveyors set to “on” will run them momentarily to “top off” the bin. This is done so that the conveyors have less of a chance of overloading in heavy yield conditions. When necessary, **turn off the conveyors** to avoid running the bin over.

**Flap Reset** – When the **Sidetrack** is down to its last empty bin, it will automatically reset itself to the empty bin reload position. The **Bin Flap** will return all the way to the front of the machine and you will see “**Flap**” appear, just above the bin icon, on the **Home Screen**. After the **Sidetrack** is loaded with new empties, **push** this button **once** to set the flap to the first bin position.

**Auto Bin Kick** – At any time, you can **double-click** (press twice, quickly) the button to advance the **Sidetrack** and kick off 1 bin. The track will automatically stop when the next empty bin reaches its proper position.