

WILSCOT, LLC

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FEATHERWEIGHT™

CUSHMAN FACTORY INSTALLED



SUPERIOR PERFORMANCE THROUGH SUPERIOR DESIGN



Factory Installed 2017 Cushman Boom Folded Out to 30' Wide Boom



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ALUMINUM TURF BOOMS

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Ask a superintendent what are his greatest spraying challenges. Time and Quality of Application would be two of the answers.

TIME SAVINGS :

The additional boom length allows a sprayer to better keep ahead of play and weather

| | Current Boom Options | | | FeatherWeight Boom | |
|-----------------------|----------------------|-----|-----|--------------------|------------|
| Boom Length | 18' | 20' | 21' | 28' | 30' |
| Time Reduction | Base | 10% | 14% | 36% | 40% |

QUALITY IMPROVMENTS

Fewer passes means fewer wheel tracks, overlapped chemical passes

and reduced foam market needs:

| Spraying Area Width (Yards) | 4 | 6 | 10 | 15 | 20 | 25 | 30 | 40 | 60 |
|-----------------------------|------------------------|---|----|----|----|----|----|----|----|
| Boom Width (Ft) | Spraying Passes | | | | | | | | |
| 18 | 1 | 1 | 2 | 3 | 4 | 5 | 5 | 7 | 10 |
| 28 | 1 | 1 | 2 | 2 | 3 | 3 | 4 | 5 | 7 |
| Fewer Passes over 18' boom | 0 | 0 | 0 | 1 | 1 | 2 | 1 | 2 | 3 |
| 30 | 1 | 1 | 1 | 2 | 2 | 3 | 3 | 4 | 6 |
| Fewer Passes over 18' boom | 0 | 0 | 1 | 1 | 2 | 2 | 2 | 3 | 4 |



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2017 CUSHMAN AFTERMARKET INSTALLATION

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Additional Quality and Value-Added Features:

Available in 18', 20', 18'/28' and 20'/30' Lengths

Features of an 18'/28' or 20'/30' Combo Booms:

Both option fold into an 18' or 20' boom width, respectively, for greens, tees and width-restricted spraying areas, or as needed for rolling terrain.

Folds out to either 28.33' or 30', respectively, to minimize overlapping passes and wheel tracks

Main boom breakaways with 5 structural sections with boom-wing height control

Folds in a compact "cross" manner for easy service bay entry.

Designed for structure integrity and durability.

Light-weight aluminum structures, supported by steel components at key locations, to minimize wheel tracks and drive train component wear.

Riveted aluminum structure to eliminate weld joint fatigue cracking.

Dual Wall (Outer Triangle and Inner Hexagon) cross section design for durability

Integrated quality spraying components

Wilger Quick-Nut stainless steel boom plumbing or rubber hose plumbing configurations

Wilger Combo Rate II Dual Nozzles (Integrated Single and 3-way turret nozzle bodies)

New High Performance Technology Options

Wilger Tips or Adapter for other brands of tips

5 Section rate controller

Capstan SSRS tip management technology

Capstan EVO, combined with GPS technologies for spraying and tip management technology



Question #1: If you want to “bag some birds”, which man would you give the over-under shotgun to?

If the gun represented GPS technology, and...

1. The man in A represented today's turf production sprayer, and
2. The man in B represented today's turf production sprayer equipped with new, but proven spray technology...which sprayer would you put the GPS on to get the maximum value?
3. How many men in A are needed to match the productivity of the man in B?

Question #2: What are the new proven technologies available for a sprayer today that would make the GPS technology even more productive with even less sprayers?

1. **Combination 20'/30' aluminum booms and 4 nozzle steel center section** that can spray at 20' feet on greens and could fold out to 30' on fairways.

(i.e A 40 yard wide fairway: 7 passes with an 18' boom; 4 passes with a 30' boom)

2. **“Automatic tip changer” PWM technology** that provides a speed range of 3-12 mph at constant pressure and rate, “on-the-go” droplet size control to combat drift, immediate On/Off spraying at constant pressure and full rate from a dead stop, all while using a single set of tips for all chemicals and on both green and fairway applications.
3. **Boom recirculation technology** to charge the boom while reloading the tank; and boom clean out capturing excess chemical back to tank for disposal

WILSCOT 20'/30' FeatherWeight Boom Retrofit

OFF with the Old; ON with the New...



1. Add a revised pump pressure-side manifold
2. Attach boom with 8 bolts,
3. Connect 2-4 hoses and run a revised pump pressure-side manifold
4. Run a power wire to the battery
5. Connect a 2-switch box to control outer fold



6. Add a Pump Pressure Relief Circuit from the bottom of the filter (mesh strainer removed) and tee into tank flush line.

NOTE:

Adding this technology may require a 60P flow meter and rate controller upgrade to at least a 5 section control.

GPS is not required, but may be desirable if your rate controller has more than 5 sections

