

Boomless Air Induction Nozzles

The Boom TD is a pair of air induction boomless nozzles designed to be used where a boom would be impractical, such as spraying pasture or other rough ground. Other versions of this nozzle type are also available for roadside spraying, etc. The TurboDrop induction improves the overall patterning of the boomless nozzle, as well as dramatically reducing spray drift. Two nozzles are included and cover a combined swath of 32 feet with the Boom85TD, and 26 feet with the Boom40TD, with optimized spray height and pressure.

TurboDrop® Boom85TD

Mount nozzles 6-7" apart, 36-48" high, with enough overlap between the nozzles to prevent streaking. Spray swath may change with changes in pressure.



Boom85TD

Materials of Construction: Stainless Steel

Boom85TD Application Rate: GPA @ 42" height (16' swath per nozzle)

| PSI | GPM | Boom85TD Application Rate: GPA @ 42" height (16' swath per nozzle) | | | | | | | | | | | | | | |
|-----|------|--|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--|--|
| | | 3 MPH | 4 MPH | 5 MPH | 6 MPH | 7 MPH | 8 MPH | 9 MPH | 10 MPH | 11 MPH | 12 MPH | 13 MPH | 14 MPH | 15 MPH | | |
| 30 | 7.5 | 77.3 | 58.0 | 46.4 | 38.7 | 33.1 | 29.0 | 25.8 | 23.2 | 21.1 | 19.3 | 17.8 | 16.6 | 15.5 | | |
| 40 | 8.5 | 87.7 | 65.7 | 52.6 | 43.8 | 37.6 | 32.9 | 29.2 | 26.3 | 23.9 | 21.9 | 20.2 | 18.8 | 17.5 | | |
| 50 | 9.5 | 98.0 | 73.5 | 58.8 | 49.0 | 42.0 | 36.7 | 32.7 | 29.4 | 26.7 | 24.5 | 22.6 | 21.0 | 19.6 | | |
| 60 | 10.5 | 107.3 | 80.4 | 64.4 | 53.6 | 46.0 | 40.2 | 35.8 | 32.2 | 29.3 | 26.8 | 24.8 | 23.0 | 21.5 | | |

BOOM85TD

TurboDrop® Boom40TD



Boom40TD

Boom40TD Application Rate: GPA @ 42" height (13' swath per nozzle)

| PSI | GPM | Boom40TD Application Rate: GPA @ 42" height (13' swath per nozzle) | | | | | | | | | | | | | | |
|-----|-----|--|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--|--|
| | | 3 MPH | 4 MPH | 5 MPH | 6 MPH | 7 MPH | 8 MPH | 9 MPH | 10 MPH | 11 MPH | 12 MPH | 13 MPH | 14 MPH | 15 MPH | | |
| 30 | 3.5 | 44.4 | 33.3 | 26.7 | 22.2 | 19.0 | 16.7 | 14.8 | 13.3 | 12.1 | 11.1 | 10.3 | 9.5 | 8.9 | | |
| 40 | 4.0 | 50.8 | 38.1 | 30.5 | 25.4 | 21.8 | 19.0 | 16.9 | 15.2 | 13.8 | 12.7 | 11.7 | 10.9 | 10.2 | | |
| 50 | 4.5 | 57.1 | 42.8 | 34.3 | 28.6 | 24.5 | 21.4 | 19.0 | 17.1 | 15.6 | 14.3 | 13.2 | 12.2 | 11.4 | | |
| 60 | 5.0 | 63.5 | 47.6 | 38.1 | 31.7 | 27.2 | 23.8 | 21.2 | 19.0 | 17.3 | 15.9 | 14.6 | 13.6 | 12.7 | | |

BOOM40TD