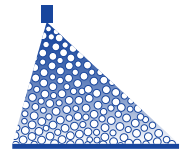


Air injector IS 80



Crop production

Ground care

- Air-aspirating off center nozzle for border application and banding
- Extremely low-drift

Advantages

- 90 % drift reduction for band spraying with IS 80-03
- Same JKI drift reduction class in combination with ID/IDTA nozzles in the field spray boom
- Volume flow adapted for optimum cross distribution in combination with ID/IDTA nozzles of the same size
- Asymmetrical spray pattern (20°/60° to axis)
- Precise edge application along water courses and field boundaries
- Optimum protection of neighboring crops (field border application) or row/special cultures (herbicide underleaf spraying/banding)
- Suitable for PWM

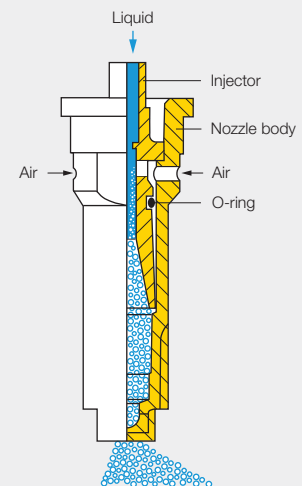
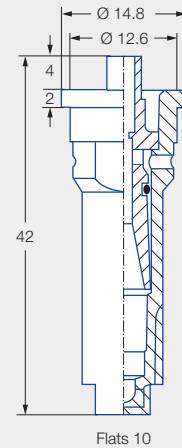


Series IS 80



Injector can be removed
without tools

Dimensions in mm.



**JKI approval as
loss-reducing:
90/75/50 %**

G 1682, G 1753, G 1754, G 1755, G 1999,
G 2000, G 2087

JKI approval with ID/IDTA nozzles of the
same size.



Current list at:
[www.lechler.com/de-en/
service/loss-reducing](http://www.lechler.com/de-en/service/loss-reducing)

Application:



Border nozzle



Band spraying
in orchards and
vineyards



Vertical boom



Spray frame

Technical data:



Nozzle sizes
02–06



Spray angle
80°



Material
POM



Pressure ranges

- Field sprayer/
underleaf sprayer:
2–4–8 bar
- Vertical boom:
2–8–15 bar



Recommended strainers

- 60 M 02–04
- 25 M 05–06



Droplet sizes
Ultra coarse – medium

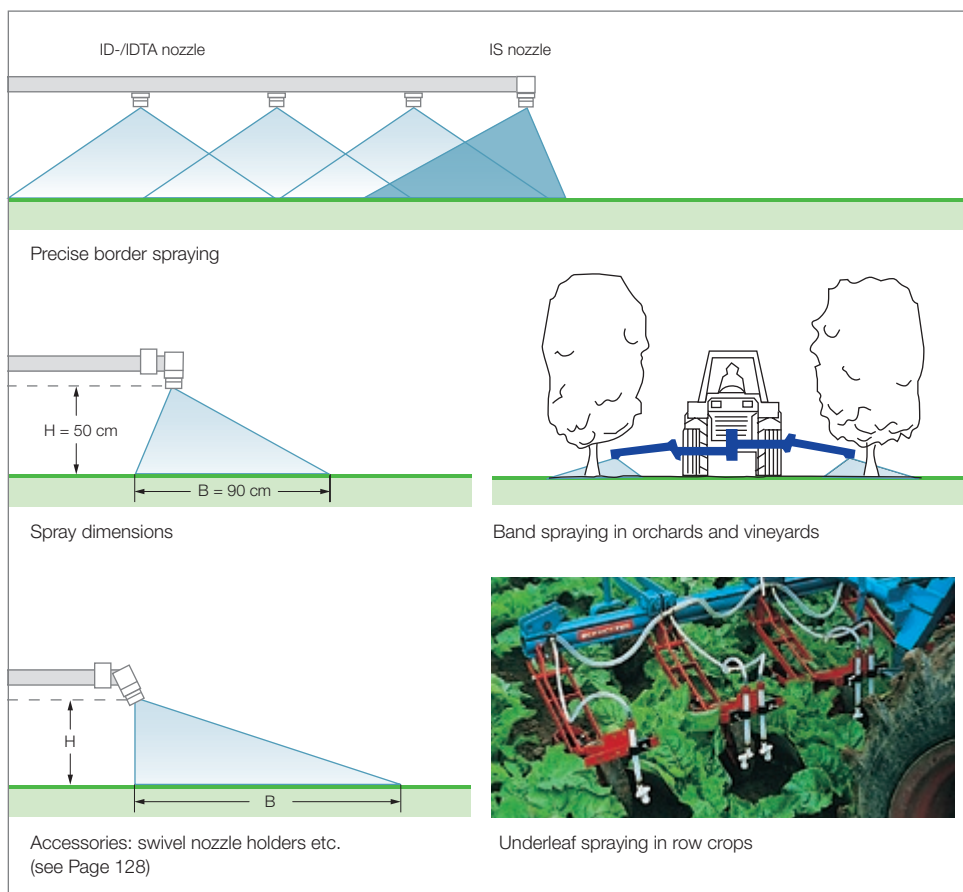


Width across flats
10 mm

			[l/min]						
			2.0	3.0	4.0	5.0	6.0	7.0	8.0
	IS 80-02	60 M	0.49	0.60	0.69	0.77	0.84	0.91	0.97
	IS 80-025	60 M	0.70	0.86	0.90	1.13	1.24	1.34	1.43
	IS 80-03	60 M	0.86	1.05	1.21	1.35	1.48	1.60	1.71
	IS 80-04	60 M	1.11	1.36	1.57	1.75	1.92	2.07	2.21
	IS 80-05	25 M	1.23	1.51	1.74	1.95	2.14	2.31	2.47
	IS 80-06	25 M	1.36	1.67	1.93	2.16	2.37	2.56	2.73

- The stated l/ha values apply to water
- Check the nozzles by gauging the flow rates prior to every spraying season
- Pressure measured at the nozzle

If necessary, please ask for additional information material on installation instructions for broadcast spraying A100 and banding in orchards and vineyards A200.



Ordering example: Series IS 80 + Nozzle size 02 + Material (POM) = Order No. IS 80-02