

Comparison of BLADED LAWN EDGERS (Domestic and Professional types – all brands)

	ATOM	Stick Edger (Has to be carried)	3 & 4 Wheel type
INTERNATIONAL GOLD MEDAL (for Lawn Edgers) 	Yes (World's only winner)	No	No
Easy to use by female and male operators	Yes	No (difficult to use)	No
Very manoeuvrable – edges anywhere	Yes	Yes	No
Highest horsepower output at blades (due to 3:5:1 gear reduction)	Yes	No	No (some have belt slip)
Powerful 3:5:1 gear reduction	Yes	No	No
Longest blades 10 ² / ₃ " (due to highest horsepower output at blades)	Yes – 10 ² / ₃ " double cross blades	No (7 ¹ / ₂ " single blade)	No (8 ¹ / ₂ " & 10" single blade)
4 bladed cutting system. Lasts twice as long, speeds up cutting, prevents bounce	Yes	No	No
Instant left and right sideways blade tilting	Yes	Yes	No
Edges curbs & gutters	Yes	Yes	No (unless special wheel attachment)
Edges curbs & gutters easily	Yes	No	No
Very fast (saves a lot of time)	Yes	No	No
Environmentally friendly due to fast edging speed and low fuel consumption	Yes	No	No
Ergonomically designed for easy female/male use	Yes	No	No
Edges in confined spaces	Yes	Yes	No
Edge both ways into corners	Yes	No	No
Solid, compact, light in weight but still of robust construction	Yes	No	No
Large easy rolling 6" wheel	Yes	No	Some
Positive 6 position height adjustment	Yes	No	Some
Solid steel long transmission shaft	Yes	No	No
Safety throttle trigger control	Yes	No	No
Automatic centrifugal clutch	Yes	Yes	10" Blade No 8.5" Blade Yes
Can be stored easily – takes up little space	Yes	Yes	No
Easily fits into the trunk of a small car	Yes	Yes & No	No
Standard full blade cover protector	Yes	Some	No
Fully balanced to use	Yes	No	No
Stable and does not bounce around	Yes	No	No
Engine away from dust	Yes	Yes	No
Self-propelling action	Yes	No	No
Detachable side blade cover	Yes	No	No
Wide spaced natural position hand grips	Yes	No	No
Foot rest for starting	Yes	No	No
Distinctive eye guide	Yes	Some	No
Blade (& guard) in front of wheel	Yes	Yes	Yes & No
Blade depth more than 2" for garden plots	Yes (3 ¹ / ₂ " depth)	No	Yes & No
Edges tight curves	Yes	Yes	No

Additional deficiencies of stick edger and 3 or 4 wheel types (that Atom Edgers do not have)

STICK EDGER

- Operator has to bend over to use
- Operator has to push downwards to use
- Has to be carried
- Heavy, awkward to carry
- Difficult to use
- Out of balance to carry
- Very difficult for women or senior citizens to use

LARGE 3 or 4 WHEEL TYPE

- Tracks straight ahead when trying to go around a corner
- Difficult to use
- Mostly very heavy to lift (for transporting)
- No blade tilting (on low priced units)
- V-belt drive (can slip on larger 3 or 4 wheel types)
- Difficult for senior citizens to use
- Some hazardous propelling debris forward