



PRODUCT INFORMATION 2000

No.	DATE	SUBJECT
21	02-2000	Sprayer

New sprayer IS 2026



Description

The new Efco IS 2026 sprayer is designed for farmers and growers of non-arable crops (small plants, shrubs and bushes, fruit trees, flowers, coffee, olives, etc.).

Suitable for both precautionary and remedial spraying, the IS 2026 will distribute soluble powders or liquids (insecticides, fungicides, herbicides and pesticides) formulated to protect vegetation from a variety of pests and diseases. It can also be used for administering oestrogens and at the same time obtaining the right degree of ripeness of fruit and vegetables.

Other advantages of the machine are its atomized spray and its extreme precision; chemicals can be directed exactly to the point where they are required, minimizing unwanted dispersion. Application is not only precise, but gentle: the IS 2026 sprays with a gossamer touch, inducing no movement in the crop and therefore no damage.

The IS 2026 is intended principally for smallholders, nurserymen (greenhouses), gardeners and contractors.

Advantages

① **ENGINE PERFORMANCE and TECHNICAL SOLUTIONS:**

- New engine 2 stroke Emak of 25.4 cm³ with big power of 1.2 HP (0.9 kW). *all these are features guaranteeing great strength and durability.*
- Diecast cylinder with special internal treatment, diamond-machined piston, forged steel connecting rod and crankshaft

② **PUMP PERFORMANCE and TECHNICAL SOLUTIONS:**

- High flow pump: maximum rate 7.2 l/min.
- High operating pressure: 0-35 kg/cm².
- Brass pump and chrome plated piston rod guarantee maximum resistance to corrosion.

③ **EASY TO USE:**

- “Lift-starter” system ensures that the starter is deactivated automatically when the throttle control is at full travel, so that even an non expert user cannot flood the engine (Fig.1).
- Primer facilitates starting, especially from cold.
- 25 litre capacity main tank assures long hours working without interruption.
- Newly designed fuel tank breather makes no contact with the fuel, eliminating the risk of fuel spills, even accidental (Fig.2).
- Fuel tank separate from the engine prevents overheating of fuel.
- Regulator allows pressure to be controlled and adapted with precision to the type of use (Fig.3).



Fig. 1

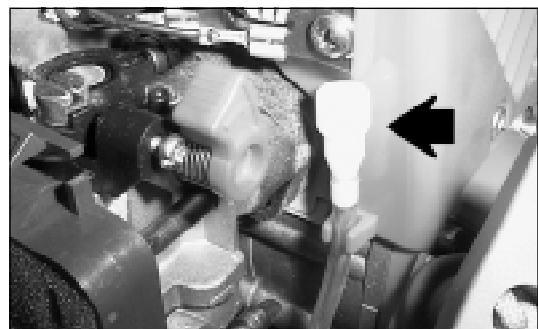


Fig. 2



Fig. 3

Advantages

- Atomization of jet adjustable via convenient manual control (Fig.4).

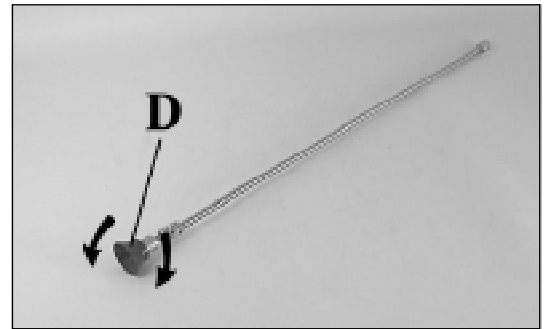


Fig. 4

④ EQUIPMENT:

- Single orifice nozzle (D, Fig. 4) supplied as standard.
- Option of nozzles (Fig. 5) with two orifices (A), three orifices (B) and four orifices (C) for treatment of larger expanses (greenhouses, nurseries, etc.).

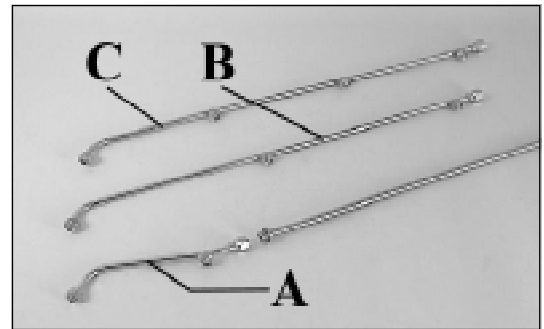


Fig. 5

⑤ COMFORT:

- Operator comfort assured by a frame with soft and generously proportioned cushion (F, Fig.6), wide straps covered in breathable material (E, Fig.6), and lightweight construction (weight 8.9 kg).

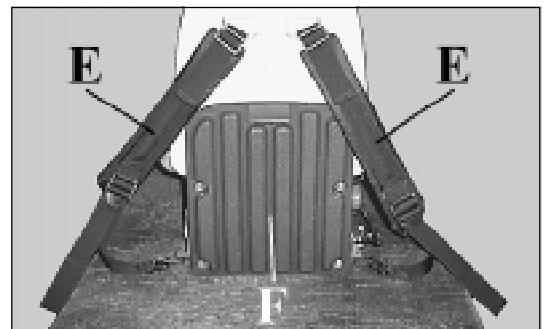


Fig. 6

- Provision of a handy knob means that pressure can be adjusted without the need for additional tools and without stopping (Fig.7).

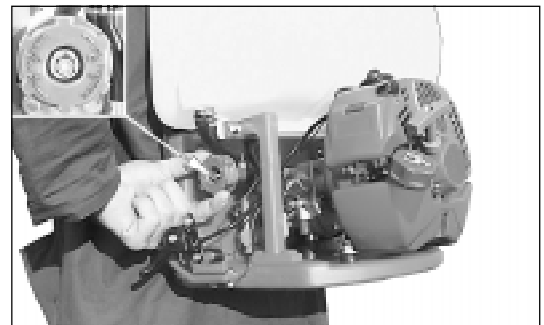


Fig. 7

- Servicing made swift and simple by easy access to air cleaner and spark plug (Fig.8).



Fig. 8

Technical features

MODEL	IS 2026	
Engine	2 stroke Emak	
Displacement	cm ³	25.4
Bore x stroke	mm	34 x 28
Power	HP / kW (min ⁻¹)	1.2 / 0.9 (7000)
Fuel	Mix 4% (25:1) - with Efco PROSINT oil 2% (50:1) - with Efco eXtrasint oil 1% (100:1)	
Fuel tank capacity	l	0.6
Ignition type	Electronic	
Shock absorbers	On engine	
Noise pressure (LpA EN ISO 11201)	dB (A)	93
Noise power (LWA EN ISO 3744)	dB (A)	101
Vibrations level (EN 28662-1)	m/s ²	< 2.5
Max. vertical liquid range	m	2.2 (single-hole nozzle)
Jet size	cm	60 (nozzle with 2 holes) - 70 (nozzle with 3 holes) - 90 (nozzle with 4 holes)
Pump reduction ratio		1 : 4
Agricultural chemical solutions containing acids	PH	4 ÷ 9
PROHIBITED chemical solutions	Sulphuric acid - nitric acid - hydrochloric acid - alkalis	
Liquid discharge	l /min	7.2
Pressure	kg/cm ²	0 ÷ 35
Main tank capacity	l	25
Dimensions	mm	390 x 330 x 630
Dry weight	kg	8.9



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