

FORESTRY

Description of the VM-1.25 Tree Lifter

The machine is intended for digging up seedlings of all varieties, as well as saplings of shrubs and berry-bearing plants in tree nurseries, orchards and ornamental plantings. It digs up plants growing on an even surface and in beds of up to 20 cm high. It is designed for use in medium loamy soils and soils of lighter mechanical composition in nurseries of the forested, forest-steppe and steppe zones.

It is mounted on tractors of the "Belarus'" type and can also be operated in parallel with DT-75 and T-74 tractors.

The main sub-assemblies are: a frame with a device for linking it to the automatic hitch of a tractor; a trapeziform grubbing piece; a shaking-off device in the form of a rod-shaped elevator and mounted behind it, two rotodynamic rippers; two vertically adjustable supporting wheels and a driving mechanism.

Specifications:

Width of grip, 1.25 m.

Depth of dig down, not more than 30 cm.

Operating speed, 2.2-5.0 km/hr.

Ground clearance, 350 mm.

Rate of movement of elevator web, 1.7-2.3 m/sec.

Overall dimensions, 2020x1800x1400 mm.

Weight, 755kg.

Productivity per hour of continuous work,
0.2-0.4 ha.

Operator, 1 (tractor driver).

Applications should be forwarded to the following address:

P.O. "Rosleskhoz mash", Ul. Gor'kii 20a, 141200
Pushkino, Moskovskaya Oblast.

Lesnaya promyshlennost

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