

One-Way Disc Plough

The one-way disc plough is suitable for ploughing cultivated land and virgin land, especially for green manure fields with stubble. It offers good performance in tilling the soil and satisfies agricultural requests.



Overview

High-Efficiency One-Way Disc Plough

The 1LY(T) and 1LYQ series one-way disc ploughs are robust agricultural implements designed for efficient soil turning and seedbed preparation. Constructed with high-strength steel, these ploughs effectively cut through soil and bury crop residue to enhance soil aeration and water infiltration. Their versatile design, featuring adjustable depth control and multiple disc configurations, makes them suitable for a wide range of tractor powers and farming scales.

Performance Metrics

Key Performance Metrics

30 cm

Max Working Depth

1.5 m

Max Working Width

0.6 ha/h

Max Productivity

Technical Specifications

1LY(T) Heavy Duty Series

Model	Working Width (m)	Weight (kg)	Matched Power (hp)	Productivity (ha/h)
1LY(T)-325	0.75	410	50-55	0.375
1LY(T)-425	1	480	65-80	0.5
1LY(T)-525	1.25	530	e100	0.55
1LY(T)-625	1.5	600	e120	0.6

1LYQ Light Duty Series

Model	Disc Qty	Disc Dia (mm)	Power (hp)
1LYQ-220	2	510	12-18
1LYQ-315	3	460	12-18
1LYQ-320	3	510	25-30
1LYQ-415	4	460	45-60
1LYQ-420	4	510	68-80

Design & Construction

Linkage Type	Three Point Suspended
Available Disc Diameters	460mm, 510mm, 660mm, 710mm
Working Depth Range	180mm to 300mm depending on model

Operational Requirements

Transportation Clearance	200 mm
Required Tractor Power	12hp to 120hp+