

Disc Plough for Soil Preparation

This disc plough is used for primary tillage, opening new fields and processing stony areas. Its design facilitates easier operation in rocky and rooted terrains, making it suitable for hard and dry land.



ADDITIONAL IMAGES



Product Overview



The versatile design features multiple concave discs that effectively cut and pulverize soil while burying crop residue.

High-Efficiency Soil Preparation

The 1LY series disc plough is specifically engineered for opening new fields and processing stony or rooted areas. Its robust design allows for seamless operation in hard, dry, and trashy land without obstruction or grass entanglement. This tractor-mounted implement is highly efficient at cutting crop stems and overcoming underground obstacles, making it ideal for complex land conditions.

Key Features

Key Benefits

Stony Land Compatible, Non-Clogging Design, High Efficiency, Easy Adjustment, Durable Construction

Technical Specifications

Model Performance Data

| Model | Discs (Qty) | Disc Dia (mm) | Width (mm) | Depth (mm) | Weight (kg) | Tractor (hp) |
|---------|-------------|---------------|------------|------------|-------------|--------------|
| 1LY-315 | 3 | 460 | 450 | 180 | 170 | 25-30 |
| 1LY-320 | 3 | 510 | 600 | 200 | 190 | 30-50 |
| 1LY-322 | 3 | 560 | 660 | 220 | 316 | 45-55 |
| 1LY-225 | 2 | 660/710 | 500 | 250-300 | 305-315 | 50-60 |
| 1LY-325 | 3 | 660/710 | 750 | 250-300 | 420-460 | 70-90 |

Operational Capabilities

Applicable Soil Conditions

- Weedy land with heavy residue
- Heavy clay soils
- Farmland with bricks and stones
- Hard and dry trashy land
- Rooted or rocky terrain

Performance Highlights

300 mm

Max Working Depth

750 mm

Max Working Width

90 hp

Max Tractor Power

Design & Construction



Robust frame construction with adjustable disc angles, ideal for breaking hardpan in clay and stony soils.

Mechanical Features

- Independently rotating concave discs
- Adjustable disc angles for soil customization
- Spring-loaded mechanism for obstacle navigation
- Replaceable disc blades for extended service life
- High-strength steel frame construction