

Hydraulic Offset Disc Harrow

This hydraulic offset disc harrow is designed for efficient soil preparation and cultivation. The heavy-duty discs break up compacted soil and incorporate crop residue.



ADDITIONAL IMAGES



Overview



The hydraulic pressure offset mechanism allows for precise adjustment of working width and depth.

High-Performance Heavy-Duty Tillage

The 1BZX series hydraulic offset heavy disc harrow is designed for high-capacity soil preparation, offering exceptional power utilization and soil-shattering capabilities. It is particularly well-suited for heavy clay soil, wasteland, and weedy fields, effectively leveling and loosening the surface after harrowing. Featuring a rigid welded rectangular tube frame and a hydraulic transport system, this machine ensures easy maneuverability and a small turning radius for efficient field operations.

Performance Metrics



Large diameter notched discs effectively cut through crop residue and break up heavy soil clods.

Key Performance Metrics

660 mm

Disc Diameter

230 mm

Disc Spacing

6 mm

Disc Thickness

Technical Specifications

Model Comparison

Model	Discs (Qty)	Working Width (mm)	Weight (kg)	Tractor Power (hp)
1BZX-2.0	18	2000	1740	85-95
1BZX-2.2	20	2200	2050	95-100
1BZX-2.35	22	2350	2150	100-130
1BZX-2.5	24	2500	2250	130-160
1BZX-3.0	28	3000	2450	140-180
1BZX-3.5	32	3500	2950	180-250

Design Features



Integrated transport wheels and hydraulic lifting system ensure easy road travel and maneuverability.

Construction & Design

- Rigid frame welded with rectangular tubing
- Hydraulic up and down road wheel system
- Spring leveling device
- Tapered roller bearings
- Specialized square/round inner hole discs
- Offset configuration for thorough soil coverage

Applications

Primary Applications

Primary Tillage, Secondary Tillage, Seedbed Preparation, Wasteland Reclamation, Heavy Clay Soil, Residue Incorporation

Operational Advantages



The robust rectangular tube frame provides the weight and strength needed for intensive cultivation.

Operational Benefits

- Adjustable working depth via hydraulic pressure
- Small turning radius for tight field corners
- Simplified maintenance and adjustment
- High penetration in compacted soils
- Efficient weed and crop residue management