

# 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