

## ● 用途 Applications

主要用于矿山、冶金、钢铁、化工、煤碳等行业污水处理工程中，对含固料浆进行浓缩脱水。池径  $\Phi \leq 6\text{m}$  时，一般可作成钢制浓缩池与浓缩机成一体的形式供货，也可单独提供浓缩机，池径  $\Phi \geq 9\text{m}$  时，只提供浓缩机。

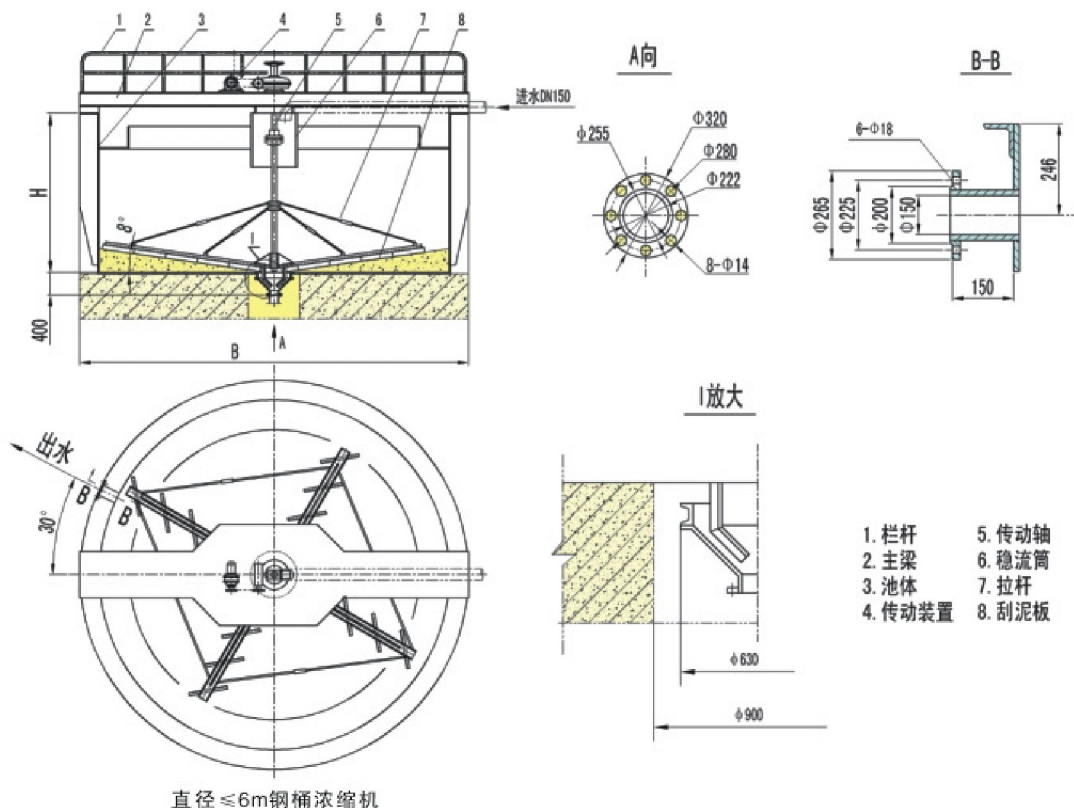
The Concentrator is mainly used for treatment of waste water from mines, metallurgical industry, steel, chemical industry and iron, coal industry, and etc. It removes water form solid slurry and makes the slurry concentrated. When the diameter of the tank is not more than 6m, the concentrator is available together with a concentrator tank made of steel, otherwise only the concentrator is available. When the diameter of tank is more than 9m, only the concentrator is available.

## ● 特点 Features

1. 针对行业特点，整机刮泥扭矩大，能力强，且设有扭矩保护装置，确保安全可靠。
2. 有手动和电动提耙两种方式可供选择，刮泥过载时可不必放水清池，提耙后逐渐下降，逐层刮除污泥。
3. 小直径浓缩机可做成池机一体供货，节省土建费用及占地面积。
4. 大、小浓缩机采用两种不同的传动机构，结构合理。

1. With large torsion, the whole concentrator scrapes sediment more effectively, the torsion moment is high. The setting of torsion protection device ensures a safe and reliable operation of the concentrator.
2. The harrow is lifted either by hand or by motor, when the concentrator is overloaded with too much sediment, it isn't necessary to discharge water. The harrow goes down gradually and scrapes sludge layer by layer.
3. To lower cost of the construction and occupy less area, concentrators of small diameters are available together with tanks.
4. Different transmission devices are adopted for the concentrators with different diameters, large and small. It's reasonable in structure.

## ● 技术性能参数及外形尺寸表 Table for Technical and Performance Parameters and Outline Dimensions



## ● 型号示例 Type and Its Indication



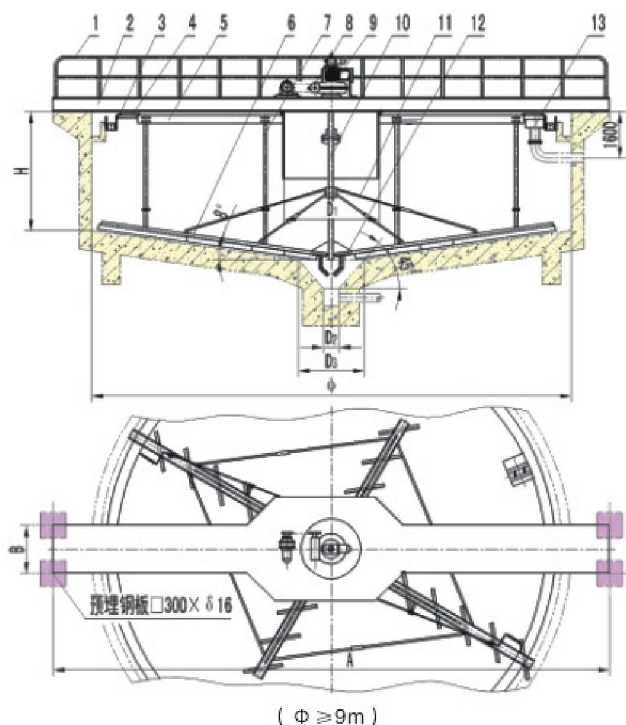


天河水务

## NZ 型中心传动重型浓缩机

TYPE-NZ HEAVY CONCENTRATOR BY CENTRAL TRANSMISSION

参 数	型 号	NZ-3.6	NZ-4.5	NZ-6
每转时间(min)		3.7	3.7	3.7
电机功率(kW)		1.1	1.1	1.1
生产能力(t/d)		28	45	62
提耙高度(mm)		200	200	200
池体直径(m)		3.6	4.5	6.0
B(mm)		3784	4684	6184
H(mm)		3.0	3.0	3.0



- 1、栏杆
- 2、主梁
- 3、出流堰
- 4、撇渣板
- 5、浮渣挡板
- 6、刮板
- 7、刮臂
- 8、传动装置
- 9、电动提耙装置
- 10、传动轴
- 11、拉杆
- 12、小刮泥板
- 13、渣斗

- 1.railing
- 2.working bridge
- 3.discharge weir
- 4.skimming plate
- 5.dross damper
- 6.scrapper
- 7.scraping arm
- 8.drive device
- 9.electric harrow
- 10.drive shaft
- 11.pull rod
- 12.small scraper
- 13.slag hopper



电动提升传动装置

参 数	池径 Φ (m)	功率 (kW)	运行一周时间 (min)	提耙高度 (mm)	D <sub>1</sub> (mm)	D <sub>2</sub> (mm)	D <sub>3</sub> (mm)	A (mm)	B (mm)	推荐池深H (mm)
NZ-9	9	3	5.3	200	1200	200	700	9500	1350	3000
NZ-12	12	3	5.3	200	1500	220	1650	12500	1350	3500
NZ-15	15	5.5	10.4	200	2500	300	1650	15500	1600	3500
NZ-18	18	5.5	10.4	200	3000	350	1800	18500	1600	3500

### ● 订货说明 Requirements for Order

1. 注明主体设备的材质，需要溢流堰板等，请注明。
2. 订货时提供土建资料。
3. 进水管从工作桥底部进入，大小根据工艺确定。
4. 若需撇渣装置，请注明。
5. 注明提耙方式（手动或电动），不注明时按手动提耙供货。

1. Note material of the main equipment, and note whether overflow weir is necessary.
2. The reference material of the construction is supposed to be offered when the order is placed.
3. The size of feed pipe, which enters from under the working bridge, is determined by requirements of the process.
4. When the device for skimming is in need, please note that.
5. Please specify the rake rising method (manual or electrical). If not specified, the manual rake rising will be supplied.