

Fabricante profesional de equipos mineros subterráneos
Professional Manufacturer of Underground Mining Equipment



**TAIAN MODERN HEAVY
INDUSTRIES TECHNOLOGY CO., LTD**



INTRODUCCIÓN /INTRODUCTION

Taian Modern Heavy Industries Technology Co., Ltd (XIANDAI) es una empresa profesional que integra Investigación, Desarrollo, Producción, Ventas y Servicio de maquinaria de minería subterránea desde 1998. Nuestros productos incluyen:

Cargador subterráneo: 0.6 m³ a 3.0 m³.

Camión de descarga subterráneo: 5.0 ton a 20.0 ton.

Después de 20 años de desarrollo, la compañía ha formado una capacidad de producción anual de 1,000 unidades de cargador subterráneo de las series XD & XDCY (0.6-3.0m³) y camión de descarga subterránea de las series XDYS & XDUK (5.0-20.0 toneladas). Se vendieron alrededor de 300 unidades / año a África, Europa del Este, América Latina, Asia Central, Sudeste de Asia, Asia del Sur, etc.

Nos adheriremos al concepto científico y tecnológico, mejoraremos el sistema de servicio, satisfaceremos las necesidades de los usuarios y cooperaremos sinceramente con los clientes para buscar un desarrollo beneficioso para todos.

Taian Modern Heavy Industries Technology Co., Ltd (XIANDAI) is a professional company that integrates R&D, production, sales and service of underground mining machinery since 1998. Our products including: Underground loader: 0.6 m³ to 2.6 m³.

Underground dumping truck: 5.0 ton to 20.0 ton.

After 20 years of development, the company has formed an annual production capacity of 1,000 units XD&XDCY series underground loader (0.6-2.6m³) and XDYS&XDUK series underground dumping truck (5.0-20.0 ton). About 300 units/year were sold to Africa, East Europe, Latin America, Central Asia , South-East Asia, South Asia, etc.

We will adhere to the scientific and technological concept, improve the service system, meet the needs of users, and sincerely cooperate with customers to seek for win-win development.



XDCY-06

Potencia nominal/Rated Power: 52 kW 70 HP @2,400 rpm
Capacidad del cucharón/ Bucket Capacity: 0.6 m³
Dimensión/Dimisions(L×W×H): 5,000 mm×1,260 mm×1,850 mm



XDCY-1A

Potencia nominal/Rated Power: 66.2 kW 89 HP @2,200 rpm
Capacidad del cucharón/ Bucket Capacity: 1.0 m³
Dimensión/Dimisions(L×W×H): 5,700 mm×1,300 mm×2,000 mm



XDCY-1A

(Altura de descarga/Unloading Height 1.7 m)

Potencia nominal/Rated Power: 66.2 kW 89 HP @2,200 rpm
Capacidad del cucharón/ Bucket Capacity: 1.0 m³
Dimensión/Dimisions(L×W×H): 5,600 mm×1,300 mm×2,000 mm



XDCY-1A

(Descarga lateral/Side Unloading)

Potencia nominal/Rated Power:
66.2 kW 89 HP @2,200 rpm
Capacidad del cucharón/
Bucket Capacity: 1.0 m³
Dimensión/Dimisions(L×W×H):
6,000 mm×1,300 mm×2,000 mm



XDCY-1D

(Eléctrico/Electric)

Potencia nominal/Rated Power: 45 kW 60 HP
Capacidad del cucharón/ Bucket Capacity: 1.0 m³
Dimensión/Dimisions(L×W×H): 6,090 mm×1,380 mm×2,000 mm



XDCY-13

Potencia nominal/Rated Power: 70 kW 94 HP @2,200 rpm
Capacidad del cucharón/ Bucket Capacity: 1.3 m³
Dimensión/Dimisions(L×W×H): 5,890 mm×1,485 mm×2,000 mm



XDCY-15

Potencia nominal/Rated Power: 81 kW 108 HP @2,200rpm
Capacidad del cucharón/ Bucket Capacity: 1.5 m³
Dimensión/Dimisions(L×W×H):6,200 mm×1,600 mm×2,100 mm



XDCY-15

(Altura de descarga/Unloading Height 2.1m)

Potencia nominal/Rated Power: 81 kW 108 HP @2,200 rpm
Capacidad del cucharón/ Bucket Capacity:1.5 m³
Dimensión/Dimisions(L×W×H): 6,450 mm×1,600 mm×2,000 mm



XDCY-2

Potencia nominal/Rated Power: 81 kW 108 HP @2,200 rpm
Capacidad del cucharón/ Bucket Capacity: 2.0 m³
Dimensión/Dimisions(L×W×H): 7,140 mm×1,770 mm× 2,040 mm



Presupuesto/ Specifications

| Modelo | Model | XDCY-06 | XDCY-1A | XDCY-1A (Unloading Height 1.7 m) | XDCY-1A (Side Unloading) | XDCY-1D (Electric) |
|--|-----------------------------------|--------------------------------|---|---|---|-----------------------|
| Capacidad del cucharón (m ³) | Bucket capacity (m ³) | 0.6 | 1.0 | 1.0 | 1.0 | 1.0 |
| Carga nominal (T) | Rated load (T) | 1.2 | 2.0 | 2.0 | 2.0 | 2.0 |
| Peso de funcionamiento (T) | Operating weight (T) | 5.1 | 7.0 | 7.0 | 7.0 | 7.2 |
| Velocidad (km/h) | Speed (km/h) | 0-9.7 | 0-9.5 | 0-9.5 | 0-9.5 | 0-8 |
| Marcha adelante (km/h) | Forward gear (km/h) | I 4.6 II 9.7 | I 0-5 II 0-9.5 | I 0-5 II 0-9.5 | I 0-5 II 0-9.5 | |
| Marcha atrás (km/h) | Reverse gear (km/h) | I 4.6 II 9.7 | I 0-5 II 0-9.5 | I 0-5 II 0-9.5 | I 0-5 II 0-9.5 | |
| Habilidad de grado | Grade ability | 20° | 20° | 20° | 20° | 20° |
| Longitud total (mm) | Overall length (mm) | 5,000 | 5,700 | 5,600 | 6,000 | 6,090 |
| Ancho total (mm) | Overall width (mm) | 1,260 | 1,300 | 1,300 | 1,300 | 1,380 |
| Altura total (mm) | Overall height (mm) | 1,850 | 2,000 | 2,000 | 2,000 | 2,000 |
| Min. distancia al suelo (mm) | Min. ground clearance (mm) | 180 | 210 | 210 | 210 | 210 |
| Base de la rueda (mm) | Wheel base (mm) | 2,300 | 2,242 | 2,242 | 2,242 | 2,200 |
| Rueda de rodamiento (mm) | Wheel tread (mm) | 980 | 1,000 | 1,000 | 1,000 | 1,000 |
| Max. altura de descarga (mm) | Max. dumping height (mm) | 1,260/1,400 | 1,250 | 1,700/2,100 | 2,400 | 1,160 |
| Distancia de descarga (mm) | Dumping distance (mm) | 745 | 860 | 860 | 280 | 860 |
| Modelo de motor | Engine model | YUNNEI YN33 /CUMMINS QSF2.8 | YTO LR4A3Z-22 /CUMMINS 4BTA3.9 /DEUTZ BF4L913 | YTO LR4A3Z-22 /CUMMINS 4BTA3.9 /DEUTZ BF4L913 | YTO LR4A3Z-22 /CUMMINS 4BTA3.9 /DEUTZ BF4L913 | Y225-4 |
| Potencia nominal (kW) | Rated power (kW) | 52/45 | 66.2/60/68 | 66.2/60/68 | 66.2/60/68 | 45 |
| Modelo de neumático | Tyre model | 255/70D406 | 9.75-18 or 10.00-20 | 9.75-18 or 10.00-20 | 9.75-18 or 10.00-20 | 10.00-20 |

Presupuesto/ Specifications

| Modelo | Model | XDCY-13 | XDCY-15 (Largo/Long) | XDCY-15 (Corto/Short) | XDCY-15 (Unloading Height 2.1 m) | XDCY-2 |
|--|-----------------------------------|-----------------------------------|--|--|--|-----------------------|
| Capacidad del cucharón (m ³) | Bucket capacity (m ³) | 1.3 | 1.5 | 1.5 | 1.5 | 2.0 |
| Carga nominal (T) | Rated load (T) | 2.6 | 3.0 | 3.0 | 3.0 | 4.0 |
| Peso de funcionamiento (T) | Operating weight (T) | 8.5 | 9.5 | 9.5 | 9.5 | 12.06 |
| Velocidad (km/h) | Speed (km/h) | 0-23.4 | 0-35 | 0-28.5 | 0-28.5 | 0-12 |
| Marcha adelante (km/h) | Forward gear (km/h) | I 0-7.9 II 0-23.4 | I 0-7.0 II 0-12.5 III 0-21 IV 0-35 | I 0-9.5 II 0-28.5 | I 0-9.5 II 0-28.5 | I 0-4 II 0-8 III 0-12 |
| Marcha atrás (km/h) | Reverse gear (km/h) | I 0-10.4 | I 0-14 II 0-25 | I 0-12.8 | I 0-12.8 | I 0-4 II 0-8 III 0-12 |
| Habilidad de grado | Grade ability | 20° | 20° | 20° | 20° | 20° |
| Longitud total (mm) | Overall length (mm) | 5,890 | 6,870 | 6,200 | 6,200 | 7,140 |
| Ancho total (mm) | Overall width (mm) | 1,485 | 1,600 | 1,600 | 1,600 | 1,770 |
| Altura total (mm) | Overall height (mm) | 2,000 | 2,100 | 2,100 | 2,100 | 2,040 |
| Min. distancia al suelo (mm) | Min. ground clearance (mm) | 215 | 290 | 290 | 290 | 215 |
| Base de la rueda (mm) | Wheel base (mm) | 2,651 | 2,750 | 2,750 | 2,750 | 2,615 |
| Rueda de rodamiento (mm) | Wheel tread (mm) | 1270 | 1270 | 1270 | 1270 | 1300 |
| Max. altura de descarga (mm) | Max. unloading height (mm) | 1,320/2,100/2,600 | 1,325 | 1,325 | 2,100/2,600 | 1,985 |
| Distancia de descarga (mm) | Dumping distance (mm) | 780 | 940 | 940 | 940 | 730 |
| Modelo de motor | Engine model | YTO LR4A3Z-22 /CUMMINS 4BTA3.9 | YTO LR4M3Z-22 /CUMMINS 4BTA3.9 /DEUTZ BF4M2012 | YTO LR4M3Z-22 /CUMMINS 4BTA3.9 /DEUTZ BF4M2012 | YTO LR4M3Z-22 /CUMMINS 4BTA3.9 /DEUTZ BF4M2012 | YTO LR4M3Z-22 |
| Potencia nominal (kW) | Rated power (kW) | 70/82 | 81/93/74.9 | 81/93/74.9 | 81/93/74.9 | 81 |
| Modelo de neumático | Tyre model | 10.00-20 | 12.00-24 | 12.00-24 | 12.00-24 | 12.00-24 |

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XD918

(Descarga lateral /Side Unloading)

Potencia nominal/Rated Power: 70 kW 94 HP @2,400 rpm

Capacidad del cucharón/ Bucket Capacity: 0.6 m³

Dimensión/Dimisions(L×W×H): 5,200 mm×1,600 mm×1,900 mm

XD918

Potencia nominal/Rated Power:

70 kW 94 HP @2,400 rpm

Capacidad del cucharón/

Bucket Capacity: 0.6 m³

Dimensión/Dimisions(L×W×H):

5,110 mm×1,600 mm×1,900 mm



XD928

(Asiento orientado hacia los lados / Side-facing seat)

Potencia nominal/Rated Power: 70 kW 94 HP @2,200 rpm

Capacidad del cucharón/ Bucket Capacity: 0.8 m³

Dimensión/Dimisions(L×W×H): 5,500 mm×1,800 mm×1,810 mm



XD929

Potencia nominal/Rated Power: 70 kW 94 HP @2,200 rpm
Capacidad del cucharón/ Bucket Capacity: 0.8 m³
Dimensión/Dimisions(L×W×H): 5,500 mm×1,800 mm×1,900 mm



XD935

Potencia nominal/Rated Power: 92 kW 123 HP @2,200 rpm
Capacidad del cucharón/ Bucket Capacity: 1.7 m³
Dimensión/Dimisions(L×W×H): 6,850 mm×2,400 mm×2,550 mm



XD950

Potencia nominal/Rated Power: 162 kW 217 HP @2,000 rpm
Capacidad del cucharón/ Bucket Capacity: 2.8 m³
Dimensión/Dimisions(L×W×H): 7,900 mm×3,030 mm×3,050 mm





| NO. | Modelo | Motor | Poder (kW) | Base de rueda (mm) | Dimensión total (mm) | Caja de cambios | Eje de conducción trasero | Neumático | Tipo de gato de elevación | Peso operativo (T) | Volumen del contenedor (m³) | Carga nominal (T) |
|-----|---------|-------------------|------------|--------------------|------------------------|-----------------|---------------------------|-------------------------|---------------------------|----------------------|-----------------------------|-------------------|
| | Model | Engine | Power (kW) | Wheel Base (mm) | Overall dimension (mm) | Gearbox | Rear Axle | Tire | Type of lifting jack | Operating Weight (T) | Container volume (m³) | Rated Load (T) |
| 1 | XDYS-5 | XICHA1 490 | 46 | 2,400 | 4,900×1,630×1,800 | 530 | DONGFENG DF1069 | 700-16 Steel wire tire | Double Jack | 3.5 | 2.2 | 5.0 |
| 2 | XDYS-8 | YUNNEI 4102 Turbo | 81 | 2,750 | 5,350×1,800×1,800 | 145 | DONGFENG DF1092 | 750-16 Steel wire tire | Double Jack | 4.5 | 4.3 | 8.0 |
| 3 | XDYS-10 | YUCHAI 4108 Turbo | 105 | 2,850 | 5,500×2,200×2,200 | DF6T53 | DONGFENG DF153 | 825-20 Steel wire tire | Double Jack | 5.0 | 5.2 | 10.0 |
| 4 | XDYS-15 | YUCHAI 4108 Turbo | 118 | 3,500 | 6,400×2,230 ×2,300 | DF6T53 | Steyr Heavy-duty | 1000-20 Steel wire tire | Double Jack | 5.3 | 7.4 | 15.0 |



| NO. | Modelo | Motor | Potencia (kW) | Ángulo de giro | Escalabilidad | Dimensión total (mm) | Caja de cambios | Eje motriz | Neumático | Frenar la masa(T) | Volumen del contenedor (m³) | Carga nominal (T) |
|-----|---------|------------------|---------------|----------------|---------------|------------------------|-----------------|--------------|-----------|-------------------|-----------------------------|-------------------|
| | Model | Engine | Power (kW) | Turning angle | Gradeability | Overall dimension (mm) | Gearbox | Driving axle | Tire | Curb mass (T) | Container volume (m³) | Rated Load (T) |
| 1 | XDUK-5 | DEUTZ F6L914 | 79 | +/-40° | 25% | 6,210×1,860×2,152 | DANA RT2000 | DANA 112 | 10.00-20 | 7.5 | 2.5 | 5.0 |
| 2 | XDUK-10 | DEUTZ BF4M1013EC | 107 | +/-40° | 25% | 7,845×1,780×2,300 | DANA R32000 | MERITOR C201 | 14.00-24 | 10.0 | 5.0 | 10.0 |
| 3 | XDUK-15 | DEUTZ BF6M1013EC | 148 | +/-40° | 25% | 8,145×2,242 ×2,300 | DANA R32000 | KESSLER D81 | 14.00-24 | 13.0 | 7.5 | 15.0 |
| 4 | XDUK-20 | Cummins QSL9 | 244 | +/-40° | 15% | 9,046×2,280 ×2,400 | DANA R36000 | KESSLER D81 | 16.00-25 | 19.0 | 10.0 | 20.0 |

Presupuesto/ Specifications

| Modelo | Model | XD918 (Bajo/Low) | XD918 (Alto/Tall) | XD918 (Side Unloading) | XD928 (Side-facing seat) |
|------------------------------|----------------------------|------------------------------|------------------------------|------------------------------|--------------------------------|
| Capacidad del cucharón (m³) | Bucket capacity (m³) | 0.6 | 0.6 | 0.6 | 0.8 |
| Carga nominal (T) | Rated load (T) | 1.6 | 1.6 | 1.6 | 2.0 |
| Peso de funcionamiento (T) | Operating weight (T) | 4.7 | 4.5 | 4.7 | 6.5 |
| Velocidad (km/h) | Speed (km/h) | 0-18 | 0-18 | 0-18 | 0-13 |
| Marcha adelante (km/h) | Forward gear (km/h) | I 0-8 II 0-18 | I 0-8 II 0-18 | I 0-8 II 0-18 | I 0-5 II 0-13 |
| Marcha atrás (km/h) | Reverse gear (km/h) | I 0-8 II 0-18 | I 0-8 II 0-18 | I 0-8 II 0-18 | I 0-5 II 0-13 |
| Habilidad de grado | Grade ability | 20° | 20° | 20° | 20° |
| Longitud total (mm) | Overall length (mm) | 5,110 | 4,720 | 5,200 | 5,500 |
| Ancho total (mm) | Overall width (mm) | 1,600 | 1,600 | 1,600 | 1,870 |
| Altura total (mm) | Overall height (mm) | 1,900 | 2,300 | 1,900 | 1,810 |
| Min. distancia al suelo (mm) | Min. ground clearance (mm) | 180 | 180 | 180 | 200 |
| Base de la rueda (mm) | Wheel base (mm) | 2,502 | 2,300 | 2,502 | 2,700 |
| Rueda de rodamiento (mm) | Wheel tread (mm) | 1,250 | 1,250 | 1,250 | 1,440 |
| Max. altura de descarga (mm) | Max. unloading height (mm) | 1,720/2,100 | 1,720/2,100 | 2,510 | 1,740/2,200 |
| Distancia de descarga (mm) | Dumping distance (mm) | 937 | 937 | 100 | 945 |
| Modelo de motor | Engine model | YUNNEI YN38 /CUMMINS 4BTA3.9 | YUNNEI YN38 /CUMMINS 4BTA3.9 | YUNNEI YN38 /CUMMINS 4BTA3.9 | YTO LR4A3Z-22 /CUMMINS 4BTA3.9 |
| Potencia nominal (kW) | Rated power (kW) | 70/60 | 70/60 | 70/60 | 70/60 |
| Modelo de neumático | Tyre model | 12-16.5 | 12-16.5 | 12-16.5 | 15/70-18 |

Presupuesto/ Specifications

| Modelo | Model | XD929 | XD935 (Estrecho/Narrow 2.0 M) | XD935 (Amplio/Wide 2.4 M) | XD950 |
|------------------------------|----------------------------|--------------------------------|---------------------------------------|---------------------------------------|----------------------|
| Capacidad del cucharón (m³) | Bucket capacity (m³) | 0.8-1.0 | 1.7 | 1.7 | 2.8 |
| Carga nominal (T) | Rated load (T) | 2.0 | 3.0 | 3.0 | 5.0 |
| Peso de funcionamiento (T) | Operating weight (T) | 7.0 | 10.0 | 10.0 | 17.0 |
| Velocidad (km/h) | Speed (km/h) | 0-13 | 0-35 | 0-35 | 0-31 |
| Marcha adelante (km/h) | Forward gear (km/h) | I 0-5 II 0-13 | I 0-7.0 II 0-12.5 III 0-21 IV 0-35 | I 0-7.0 II 0-12.5 III 0-21 IV 0-35 | I 0-13.5 II 0-31 |
| Marcha atrás (km/h) | Reverse gear (km/h) | I 0-5 II 0-13 | I 0-14 II 0-25 | I 0-14 II 0-25 | I 0-17 |
| Habilidad de grado | Grade ability | 20° | 20° | 20° | 20° |
| Longitud total (mm) | Overall length (mm) | 5,500 | 6,760 | 6,850 | 7,900 |
| Ancho total (mm) | Overall width (mm) | 1,800 | 2,000 | 2,400 | 3,030 |
| Altura total (mm) | Overall height (mm) | 1,900 | 2,550 | 2,550 | 3,050 |
| Min. distancia al suelo (mm) | Min. ground clearance (mm) | 200 | 250 | 250 | 534 |
| Base de la rueda (mm) | Wheel base (mm) | 2,450 | 2,700 | 2,700 | 3,100 |
| Rueda de rodamiento (mm) | Wheel tread (mm) | 1,420 | 1,580 | 1,800 | 2,270 |
| Max. altura de descarga (mm) | Max. unloading height (mm) | 1,740/2,200 | 2,740 | 2,800 | 2,900 |
| Distancia de descarga (mm) | Dumping distance (mm) | 945 | 1,200 | 1,200 | 1,350 |
| Modelo de motor | Engine model | YTO LR4A3Z-22 /CUMMINS 4BTA3.9 | YUCHAI YC6B125 | YUCHAI YC6B125 | WEICHAI WP10G220E343 |
| Potencia nominal (kW) | Rated power (kW) | 70/60 | 92 | 92 | 162 |
| Modelo de neumático | Tyre model | 15/70-18 | 12.00-24 | 17.5-25 | 23.5-25 |