

COMPACT

PRODUCTIVITY
AND SAFETY

ROBOTIC DOZER

XLPD



GROUNDHOG

DON'T SEND A MAN
TO DO A MACHINE'S JOB

XLPD at glance

PRODUCTIVITY AND SAFETY

The XLPD Compact Robotic Dozer presents a very low profile remote-controlled machine with the goal to increase productivity and safety in material handling operations. Being designed to withstand the most severe working conditions in mining industry, the XLPD has proven to be a safe and effective asset. As part of the eXtra Low Profile segment, the dozer is suitable for activities in construction works, cleaning of production panels, sweeping and vamping activities, cleaning under conveyer belts and other hazardous environment operations.



DIFFERENT TASKS
• Exchangeable front tool

HULL DESIGN FOR EASY ACCESS TO ALL VITAL ASSEMBLIES FOR MAINTENANCE & REPAIR

REMOTE CONTROL CAPABILITY
• Operational range up to 500 m
• Simple use of operator control unit

EASY CONTROL PANEL ACCESS
• Control panel protected under HARDOX cover

QUICK TOOL EXCHANGE
• Universal coupling

EASY LOGISTICS
• Lifting points

HIGH MOBILITY
• Low profile tracks

ROBUST BODY
• Full HARDOX 450 protection
• Used in harshest conditions

HIGH PERFORMANCE IN MATERIAL HANDLING

The XLPD proved to be the essential part of the material handling equipment since it can be intensively used in the most severe working conditions. High performance, modular design and lowest possible maintenance requirements are features that make the XLPD Dozer a high quality product where efficiency and safety is required.

Multifunctionality

APPLICATIONS

Narrow Reef Mining

Room and Pillar Mining

Long Hole Drill Mining Set Up

Sweeping and Vamping



Cleaning under Conveyor Belts

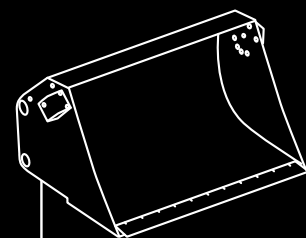
Cleaning under Smelters

Accelerated Bridge Construction

Support in Different Construction Applications

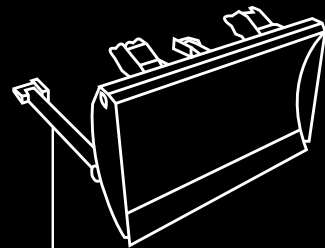
Extra low profile versatile platform

Prime mover and various exchangeable tools



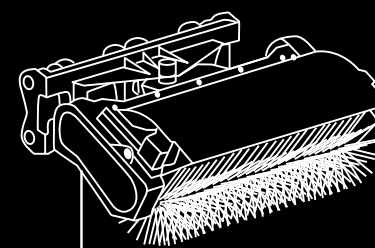
Bucket

Purpose: Material loading/unloading and transportation
Capacity: 0,65 m³



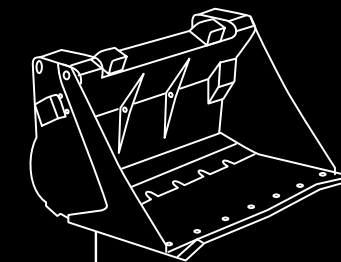
Blade

Purpose: Pushing, rough cleaning
Working capacity: Up to 150 t/h



Sweeper

Purpose: Fine cleaning, sweeping
Coverage: 300 m² / h



Ejector Bucket

Purpose: Versatile material manipulation/transportation
Capacity: 0,7 m³

After sales

LOGISTICS, MAINTENANCE AND SUPPORT

Due to its relatively small size, the XLPD can be easily moved by different means of transportation.

Air Delivery by various types of cargo aircraft and even transport helicopters

Water A standard 20' GP container is ideal for delivery by sea

Land Easily transportable by light truck or even pick-up truck



To facilitate end users effective and uninterrupted use of XLPD, DOK-ING provides the following services.

Training Specialized comprehensive training course for operators, mechanics and electricians delivered by highly experienced trainers in several languages and according to training plan and program

Mentoring / Supervision Ability to provide service/personnel to facilitate day-to-day operation of XLPD

Maintenance Supply of spare parts adequate stock and availability of rapidly responsive technical team worldwide



DOK-ING Ltd. general info

DOK-ING is an international market leader with its headquarter in Croatia, EU. We design, produce and deliver high quality and combat proven robotic systems for special purposes around the world. Experience gathered through more than 30 years of operational feedback is constantly being built into our products. We are not only the producer, but also the user of our own systems.

DOK-ING also provides training by highly skilled

professionals who are transferring their field knowledge through systematic and well planned training sessions.

Great knowledge, experience, innovative and purpose-made systems and technologies enable us to be customer-oriented company with flexible approach to end user requirements in order to help solving real environmental problems.

DOK-ING BUSINESS

PRODUCTS

- MILITARY ENGINEERING
- EMERGENCY RESPONSE
- UNDERGROUND MINING
- COUNTER TERRORISM

SERVICES

DEVELOPMENT

- NEW PRODUCTS
- EXISTING PRODUCTS UPGRADE AND OPTIMISATION

MINE ACTION SERVICES

- MECHANICAL DEMINING AND GROUND PREPARATION
- BAC
- EOD
- MECHANICAL TECHNICAL SURVEY AND CLEARANCE

AFTER SALES SUPPORT

- SPARE PARTS DISTRIBUTION
- MAINTENANCE
- SUPERVISION
- TRAINING
- LIFE CYCLE EXTENSION

LOCAL START – GLOBAL REACH NO. OF DELIVERED SYSTEMS

- NORTH AMERICA – 145
- SOUTH AMERICA – 10
- EUROPE – 65
- ASIA – 72
- AFRICA – 59
- AUSTRALIA – 9

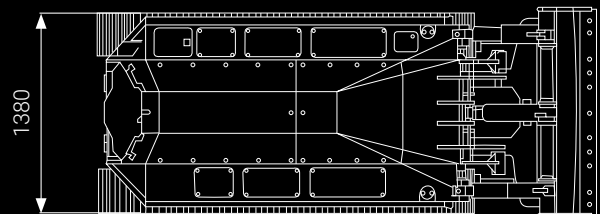
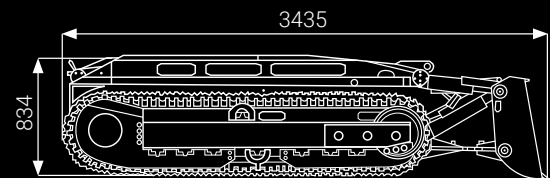
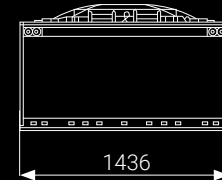
DOK-ING MANUFACTURES, DEVELOPS AND PROVIDES ROBOTIC SOLUTIONS FOR SPECIAL PURPOSES IN THE GLOBAL MARKET.

PRESENT IN MORE THAN **40** COUNTRIES WORLDWIDE



XLPD TECHNICAL CHARACTERISTICS
Dimensional data*

Length	3435 mm
Width	1436 mm
Height	834 mm
Weight	4059 kg
Engine type	Deutz
Engine power	66 kW / 88 hp @ 2800 rpm
Engine torque	260 Nm @ 1500 rpm
Fuel consumption	6-12 l/h
Productivity	50-120 t/h
Ground pressure	0,34 kg/cm ²
Ground clearance	130 mm
Speed	5 km/h
Longitudinal gradeability**	30°
Side slope capability**	20°
Fording depth	25 cm



*Standard configuration with dozer blade tool

** Depending on the ground



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R&TTE Directive 1999/5/EC, EMC Directive 2004/108/EC,
 Low Voltage Directive 2006/95/EC, Machinery Directive 2006/42/EC
 Other references: IMAS 09.50, CWA 15044:2009, CWA 15832:2008