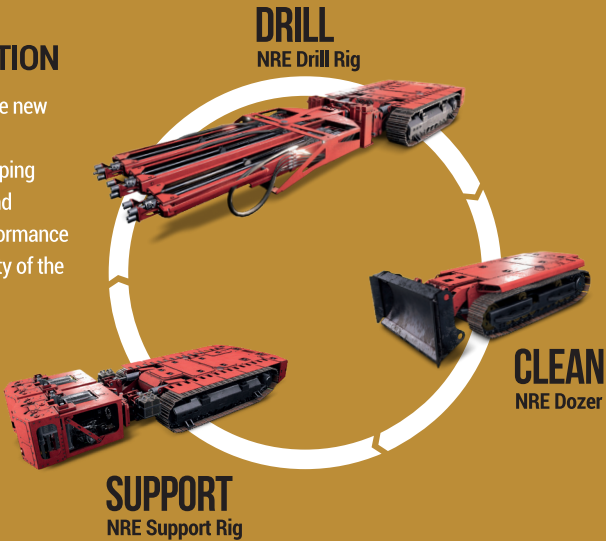


NARROW REEF MINING MECHANISATION

The NRE Dozer is a key part of the new powerful electrical NRE suite of equipment which operates in stoping widths between 1.1m to 1.7m and yields improved operational performance in order to mechanise the majority of the mining activities in the cycle.



AFTER SALES

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

TRAINING

Specialized training course for operators and technicians.

MENTORING /SUPERVISION

Ability to provide service/personnel to facilitate day-to-day operation of NRE Dozer.

MAINTENANCE

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

NRE DOZER TECHNICAL CHARACTERISTICS

DIMENSIONS

Prime Mover	3364 x 1866 x 786 mm
Prime Mover with Dozer blade	3685 x 1912 x 786 mm
Prime Mover with Sweeper	4622 x 1866 x 786 mm

BLADE

Clearance	142.5 mm
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WEIGHT

Prime Mover	5023 kg
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POWER SYSTEM

Battery Type	2x LiNMC
Nominal Voltage	353 VDC
Battery Capacity	Up to 8 h

ON BOARD FAST CHARGER

Charging time 15-80%	3 h
Charging source (voltage)	420 - 600 VAC 3ph

BRAKES

Braking System	Spring Applied Hydraulic Release
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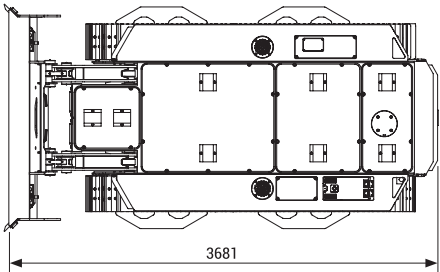
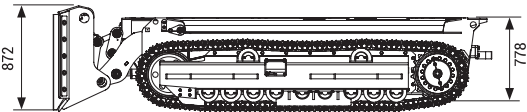
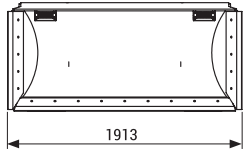
OPERATING CAPACITY

Sweeper cleaning rate in m ²	100 m ² /h
Dozer Cleaning rate	50 -120 t/h

All technical characteristics contained in this brochure are provided for informational purposes only, and DOK-ING MINING reserves the right to make changes without notice.

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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



ELECTRIC NARROW REEF ROBOTIC DOZER

PRODUCTIVE, SAFE AND ZERO EMISSIONS

www.dokingmining.com

DOK-ING MINING is a spin-off company created by the separation from DOK-ING with headquarters in Croatia, EU.
We design and produce specialized mining machines with the purpose of mechanizing

specific ore bodies that have not been mechanized to date.
Experience gained through more than 20 years of operational feedback continuously incorporates into our products.

PRODUCTS				
NRE Dozer	NRE Drill Rig	NRE Support Rig	XLP Dozer	XLP Dozer H4
SERVICES				
Development	Mining Services		After Sales Support	
New products	Production stope supporting		Spare parts distribution	
Upgrade and customisation	Pack area cleaning and sweeping		Maintenance & repair	
Technical solutions in mine mechanization	Production stope cleaning		Supervision & mentoring	
	Production stope sweeping		Training	
	Production stope drilling		Life cycle extension	

PRESENT IN MORE THAN 10 COUNTRIES WORLDWIDE

In global mining industry, with focus on high value and hard to reach deposits

LOCAL START – GLOBAL REACH



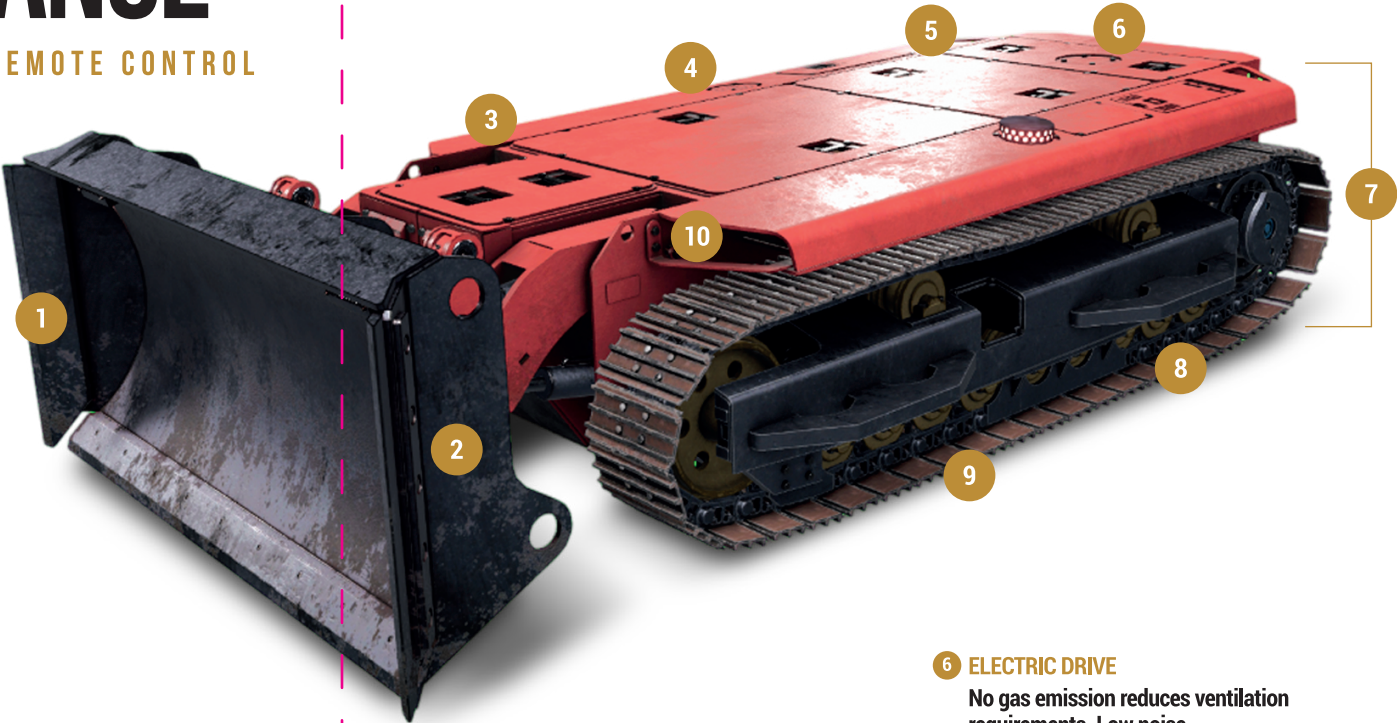
Number of delivered systems

AFRICA – 77 NORTH AMERICA – 12 SOUTH AMERICA – 4 EUROPE – 7 AUSTRALIA – 1

NRE DOZER AT GLANCE

BATTERY POWER DRIVEN AND OPERATED BY REMOTE CONTROL

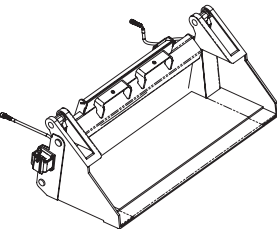
The NRE Dozer is a remote-controlled, ultra-lowprofile machine. It is designed to work in confined spaces of a minimum of 1.1 m and on slopes of up to 25°. Remote control of the machine allows the operator to control the machine from a safe distance. In this way person is removed from the potential dangers associated with working in production stopes or hazards related to mining equipment.
Small dimensions and small turning radius are ideal for use in conventional mines instead of scrapper winches. The NRE Dozer can also be used to perform cleaning backlog ore / sweepings, roadways maintenance or similar tasks. Low noise level and nil gaseous emission make this machine the most suitable tool for underground applications.



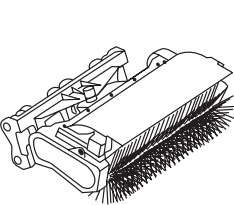
MULTIFUNCTIONALITY

APPLICATIONS

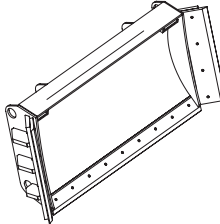
- Narrow Reef Mining
- Long Hole Drill Mining Set Up
- Sweeping and Vamping
- Cleaning in Dangerous & Un-supported Areas
- Cleaning under Conveyor Belts
- Support in Different Construction Applications
- Pillar Robbing
- Cleaning in Smelters Area



Bucket
Purpose: Material loading/
unloading and transportation
ISO Heaped Capacity: 0,33 m³
ISO Struck Capacity: 0,25 m³



Sweeper
Purpose: Fine cleaning, sweeping
Coverage: 100 m² / h



Blade
Purpose: Pushing, rough cleaning
Working capacity: 50 -120 t/h

- 1 DIFFERENT TASKS**
Exchangeable front tool
- 2 QUICK TOOL ATTACHMENT**
Universal coupling
- 3 REMOTE CONTROL CAPABILITY**
Allows operator to remain at a safe distance while operating machine
- 4 BODY PROTECTION**
Hardox 450
- 5 INTEGRATED FAST CHARGER**
Can be charged by mine standard grid & plugs
- 6 ELECTRIC DRIVE**
No gas emission reduces ventilation requirements. Low noise
- 7 HEIGHT 778 mm**
Ultra low profile dimensions allows access to confined areas
- 8 EASY MAINTENANCE ACCESS**
Divided compartments (hydraulic, power, control)
- 9 HIGH MOBILITY**
Small turning radius. Low profile tracks
- 10 STANDARDISATION**
Common prime mover for blade/
bucket/sweeper. Standardisation of internal electronic components (stock levels reduced)