



Husqvarna®



**DXR REMOTE DEMOLITION ROBOTS**

**EXPERIENCE A NEW  
LEVEL OF CONTROL**

**DEMOLITION ROBOTS  
DXR 95/145/275/305/315**

# VERSATILITY WORKING ON TWO RUBBER TRACKS

The image shows three orange Husqvarna DXR demolition robots in a demolition site. The robots are compact, tracked machines with long, articulated hydraulic arms. They are positioned in a narrow, debris-filled corridor of a building under demolition. The background shows concrete pillars and a bright opening at the end of the hallway. The lighting is dramatic, with strong highlights and deep shadows.

## OPTIMISED POWER

Husqvarna DXR demolition robots are known for their high-impact force and long reach. The solid chassis provides impressive stability, making it a powerful platform for a wide range of attachable tools.

The remote-controlled DXR works in various areas, keeping the operator out of harm's way.

The DXR's low weight, compact dimensions and ability to handle inclines make it highly versatile and useful in many applications. From deep-down digging in narrow gold mining tunnels, to demolishing tall factory chimneys while elevated on platforms.



## THE DXR RANGE

- ✓ Increased power and performance across all our DXR models.
- ✓ A high-tech remote control unit facilitates more ergonomic and intuitive operation.
- ✓ All models are third-party certified in accordance with the Machinery Directive and EMC requirements.
- ✓ Global service and support organisation at the forefront of the construction industry.

# COMPLETE POWER

When you need it, the DXR range gives you the power you need – it empowers you with more confidence and trust to help you get the job done.



## **POWER AND PERFORMANCE**

All DXR models stand out with their remarkable cutting, crushing, and breaking capabilities. Designed to excel in diverse tasks, they consistently perform with precision and efficiency, helping you get the job done faster.

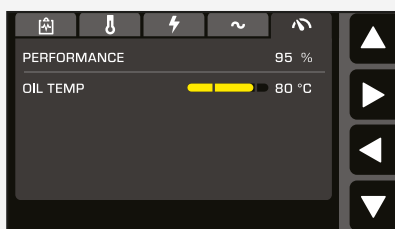
## **OPTIMISED POWER**

Machine performance is always optimised under all working conditions, which means operators can work with efficiency in performance in various demanding and hot environments.



### PERFORMANCE MONITOR

Monitor the machine's performance in real time on the remote's display.



### THIRD-PARTY CERTIFIED

All models are third-party certified in accordance with safety, functional safety and EMC requirements\*.

**MACHINERY DIRECTIVE** ✓

**EMC** ✓

\* RISE is our third-party partner for certification in accordance with the Machinery Directive and EMC requirements.

# GET IN CONTROL

Our remote control puts real power in your hands. This is your control centre and that's why we've made operation as comfortable and user-friendly as possible. Get started quickly and work with confidence and precision.



## LONG-DISTANCE OPERATION

2.4 Ghz radio link reaching a distance of up to 300 m.



## JOYSTICK CONTROL

Instant response for fingertip control. Customisable and ergonomic joystick with convenient thumb switches.



## COMFORT

Ergonomic harness and belt option for comfortable operation of the remote control.



## HIGH-QUALITY LCD SCREEN

Comfortable viewing experience and intuitive, user-friendly control. Optimised viewing angle and adaptable to dark and bright surroundings.



## WORK/TRANSPORTATION MODE

Switch quickly and easily between transport and work mode.



## OPERATOR PATTERNS

The option of multiple operator patterns for easier working.



#### **REAL-TIME INFORMATION**

*Live information from the remote control about status, incoming per phase current, voltage, temperature, active faults and operating time without the need for external measuring equipment.*



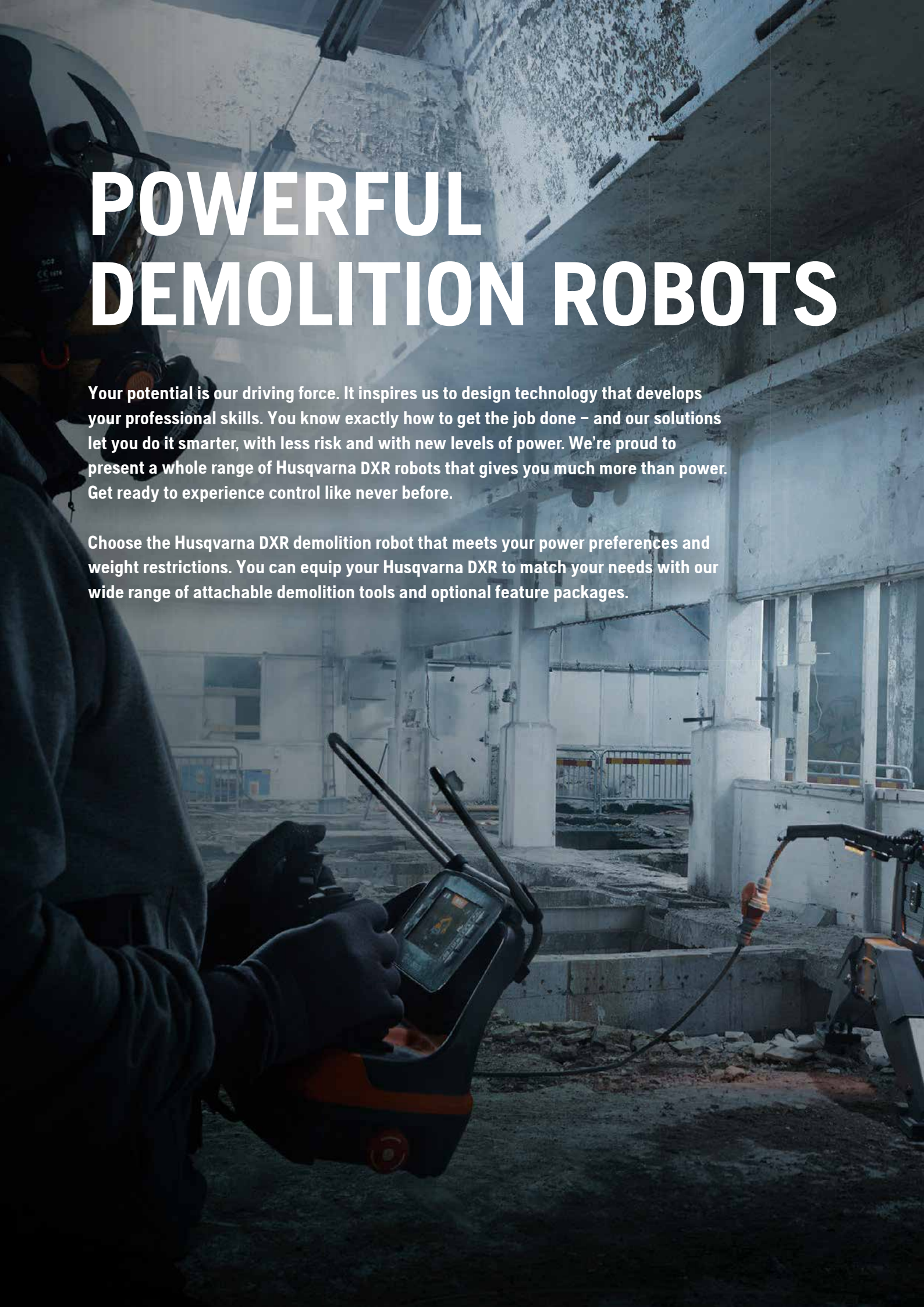
## **PRECISION AT YOUR FINGERTIPS**

- ✓ 2.4 GHz radio link with a long, interference-free range of up to 300 m.
- ✓ Superior control through immediate response.
- ✓ Joysticks with convenient thumb switch.
- ✓ One-hand transport mode.
- ✓ Multiple operator patterns.
- ✓ Ergonomic harness + belt option.

# POWERFUL DEMOLITION ROBOTS

Your potential is our driving force. It inspires us to design technology that develops your professional skills. You know exactly how to get the job done – and our solutions let you do it smarter, with less risk and with new levels of power. We're proud to present a whole range of Husqvarna DXR robots that gives you much more than power. Get ready to experience control like never before.

Choose the Husqvarna DXR demolition robot that meets your power preferences and weight restrictions. You can equip your Husqvarna DXR to match your needs with our wide range of attachable demolition tools and optional feature packages.







#### **CONSTANTLY OPTIMISED PERFORMANCE**

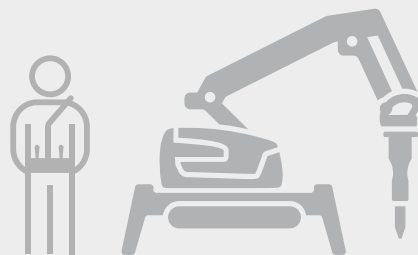
*Husqvarna DXR demolition robots and tools are developed for efficient demolition and dismantling jobs. Typical applications include work that is too heavy for manual labour. The DXR can also be used in fragile, hazardous or confined, hard-to-reach areas.*



# SMART BOTTOM LINE

Just one DXR remote demolition robot and operator can easily do the job of many workers, saving time and significantly reducing labour costs. In addition, remote operation makes early access into furnaces or kilns possible to minimise plant downtime.

**1 HUSQVARNA DXR 305**



**VS.**

**3 EXCAVATORS\***



\* The calculation has been done by comparing hydraulic flow per kilogram machine weight and of the tool for different types of machines towards DXR 305 and should be viewed as indicative only.

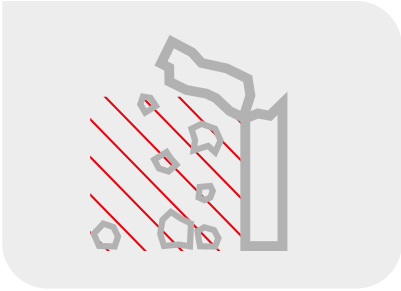
# SAFETY IS IMPORTANT

**Our DXR remote demolition robots bring major business benefits. We also continually strive to find new ways to improve operator experience and this is an area where our DXR remote robots really excel.**

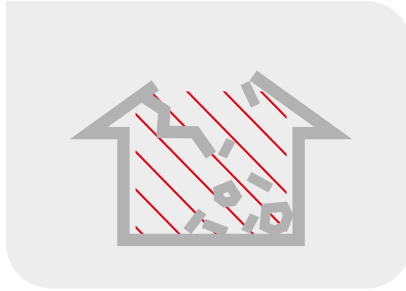
- Heat protection for resistance to extreme heat.
- Remote control technology enables operation up to 300m away.
- Work with reduced risk in areas where there is a risk of falling debris.
- Reduced risk handling hazardous chemicals or other dangerous materials.
- Gain early entry with less risk when working in high-temperature applications.



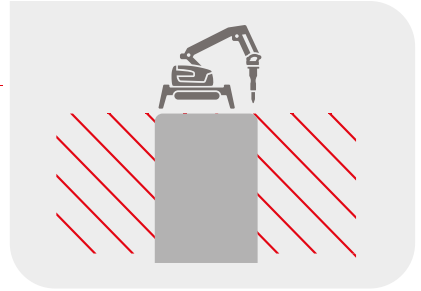
**COLLAPSE RISK**



**RISK OF FALLING DEBRIS**



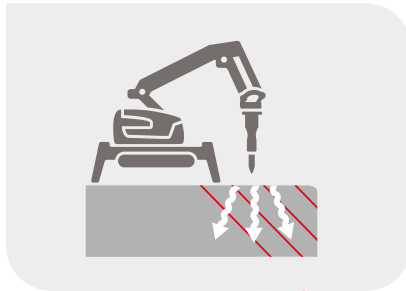
**FALL RISK**



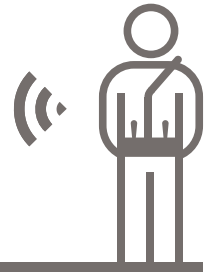
**DUST**



**VIBRATIONS**



**KEEP DISTANCE  
TO RISK FACTORS  
WITH REMOTE  
OPERATION**



INDUSTRIAL APPLICATION

# VERSATILITY AND PRODUCTIVITY FOR ANY APPLICATION

Experience a new level of control using a DXR remote demolition robot – a powerful, multi-purpose tool to help you reduce costs and fast-forward through tasks with more efficiency and precision.

All DXR models offer outstanding performance, low cost of ownership and the ability to work in hazardous or hard-to-reach areas, as well as fit through a doorway. Wherever you put these powerhouse performers – in a tunnel or nuclear plant – they prove their worth, again and again.

*With less risks and no exhaust fumes, the only question is which challenge you want to solve.*

## GAME-CHANGING FEATURES AND BENEFITS

### INCREASED PRODUCTIVITY

An impressive power-to-weight ratio and 24/7 operation can help you work around the clock to speed up heavy-duty excavation or demolition work.

### MORE COST-EFFECTIVE

Greatly reduce manual labour costs for completing projects, while also limiting interruptions and reducing plant downtime.

### HIGHLY VERSATILE

Take on a variety of applications using standard or custom tools. Easily adjust pressure and flow as needed, along with all water, grease and hydraulic functions.



### **EASY TO USE**

Enjoy precise, comfortable operation thanks to a well-designed remote control with joystick, enhanced ergonomics, one-handed operation and an LCD screen.

### **WORKING DISTANCE**

Remote operation keeps operators at a distance of up to 300 m away from hazards such as rock falls, extreme heat and other dangers.

### **NO FUMES**

Our robots are completely electric, so they have no direct emissions during use which enables easier work in confined or hard-to-reach spaces.

**INDUSTRIAL APPLICATION**

# TUNNELLING

**Less rock and more roll. The versatility of our DXR remote demolition robots really shines when they are used to remotely perform tasks in tunnels. Enjoy a range of powerful benefits to help you improve efficiency, performance and reduce costs.**

## **SCALING**

Use our long chisel breaker attachments to speed up scaling work after blasting in narrow tunnels.

## **LEVELLING**

More easily handle the levelling or removal of semi-hard materials with our drum cutter attachment.

## **NARROW TUNNELS**

Demolish hard and soft materials in narrow tunnels, evacuation tunnels or other spaces.

## **LARGE TUNNELS**

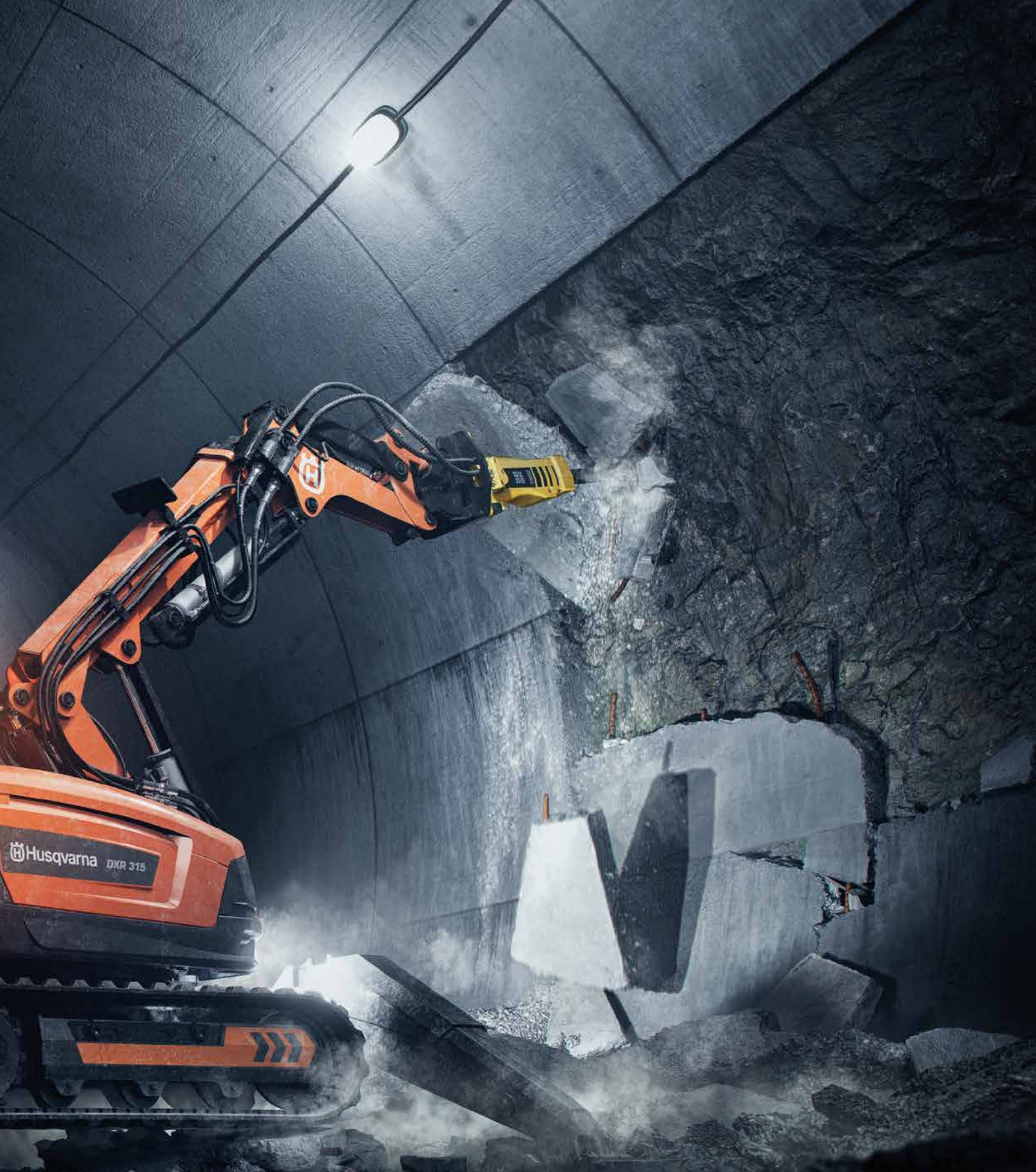
Handle work in larger tunnel shafts using our long chisel breaker attachments.

## **DIGGING AND CLEANING**

Use our bucket attachment for more effective digging or cleaning in confined or hard-to-reach spaces.







## **POWERFUL SCALING**

*Scaling is an important stage in the drilling and blasting of tunnels and our DXR remote demolition robots are perfect for speeding up this process. Used with our multi-purpose attachments, you can more effectively dig, clean and demolish materials in hazardous or hard-to-reach spaces.*

**INDUSTRIAL APPLICATION**

# MINING

**Overcome obstacles with supreme agility using the flexibility and power of DXR remote demolition robots. Move faster handling tasks such as scaling and safety-critical jobs to streamline your operations.**

## **SCALING**

Use our long chisel breaker attachments to speed up scaling work after blasting in tunnels.

## **LEVELLING**

More easily handle the levelling or removal of semi-hard materials with our drum cutter attachment.

## **TUNNELS**

Demolishing hard and soft materials in narrow tunnels, evacuation tunnels or other spaces.

## **DIGGING & CLEANING**

Use our robots with a bucket attachment to more effectively dig or clean in confined spaces.





## TRANSFORM YOUR PRODUCTIVITY

*Take control by using our robots with multi-purpose attachments to more efficiently handle work in hazardous or other hard-to-reach spaces such as breaking, digging, shaft cleaning and demolition.*

**INDUSTRIAL APPLICATION**

# METAL PROCESSING

Take advantage of being able to access an area before humans can – to reduce plant downtime and maximise your productivity using our DXR remote demolition robots. Work more efficiently and use remote-controlled operations with hazardous processes.

## **HEAT RESISTANCE**

Take advantage of enhanced cooling for resistance to extreme heat and to work more effectively.

## **DESLAGGING**

Early access helps you more efficiently handle the cleaning or deslagging of blast furnaces.

## **GREATER CONTROL**

Greater precision using the remote control when cleaning a ladle, BF runner or the converter.

## **MORE MOBILITY**

Exceptional mobility and reach for easier and faster work in confined spaces.

## **EASIER MAINTENANCE**

Faster and easier cleaning, removal and transportation of materials.





## **HIGH EFFICIENCY WITH EARLY ACCESS**

*Enjoy less process downtime and handle tasks with systematic efficiency. Remote operation gives you early entry and keeps the operator at a remote distance from the blast furnace and other dangerous areas.*

INDUSTRIAL APPLICATION

# CEMENT PLANTS

**Time is money and the clock is always ticking at cement plants. Our DXR remote demolition robots offer you early access to reduce process downtime and make significant time and cost savings.**

## HEAT RESISTANCE

Take advantage of enhanced cooling for resistance to extreme heat and to work more effectively.

## EARLY ACCESS

Save time with early access when handling the tearout of kilns for less process downtime.

## EASIER MAINTENANCE

Faster and easier cleaning, removal and transportation of materials.

## GREATER CONTROL

Enjoy precise control and avoid damaging kiln linings when demolishing coatings and brick linings.

## MORE MOBILITY

Exceptional mobility and reach for faster and easier work in confined spaces.





## **EFFICIENT KILN MAINTENANCE**

*Minimise the downtime and dangerous manual labour involved in kiln maintenance. With our DXR robots, you can efficiently deslag, clean and remove coatings and refractory materials. Thanks to the robots' excellent thermal management technology, robust heat protection and remote-control operation, work can start immediately – no need to wait for the kiln to cool down.*

### **EXAMPLE INDUSTRIES**

**• Cement • Cellulose • Aluminium • Steel**

INDUSTRIAL APPLICATION

# PROCESS INDUSTRY & CHEMICAL

Our DXR remote demolition robots are well-equipped for handling the specialised challenges of controlled, hazardous environments in chemical plants. Reducing downtime and maximising performance are just some of the many benefits.

## HEAT RESISTANCE

Take advantage of enhanced cooling for resistance to extreme heat and to work more effectively.

## DECOMMISSIONING

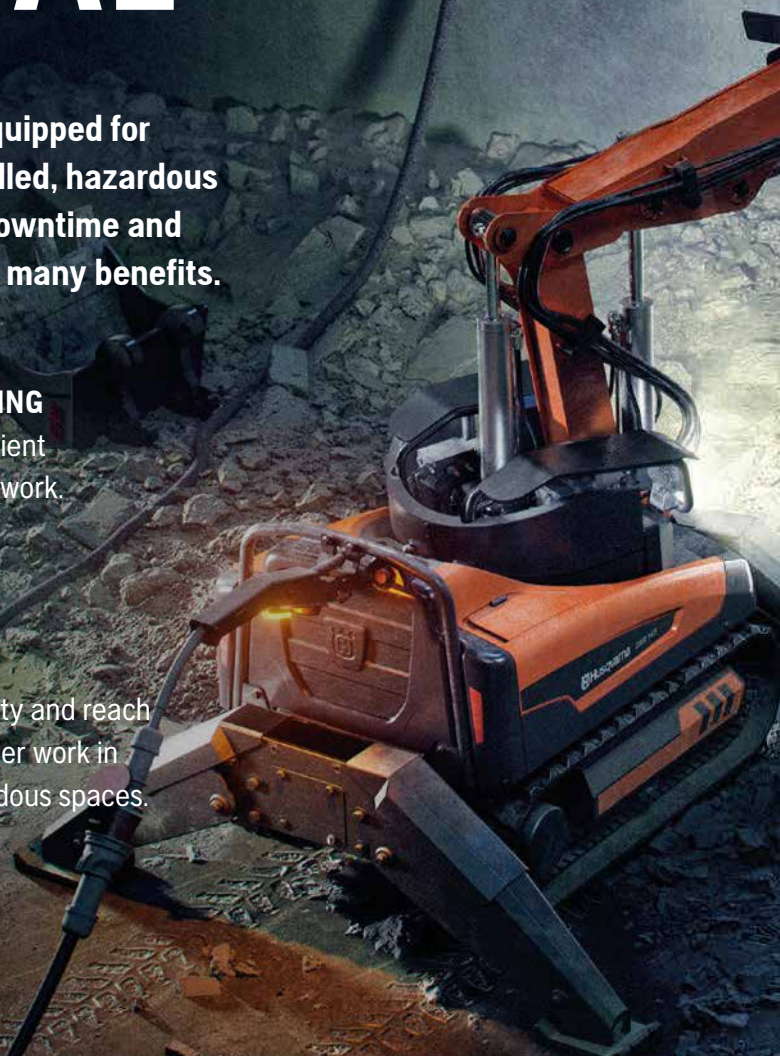
Effective and efficient decommissioning work.

## GREATER CONTROL

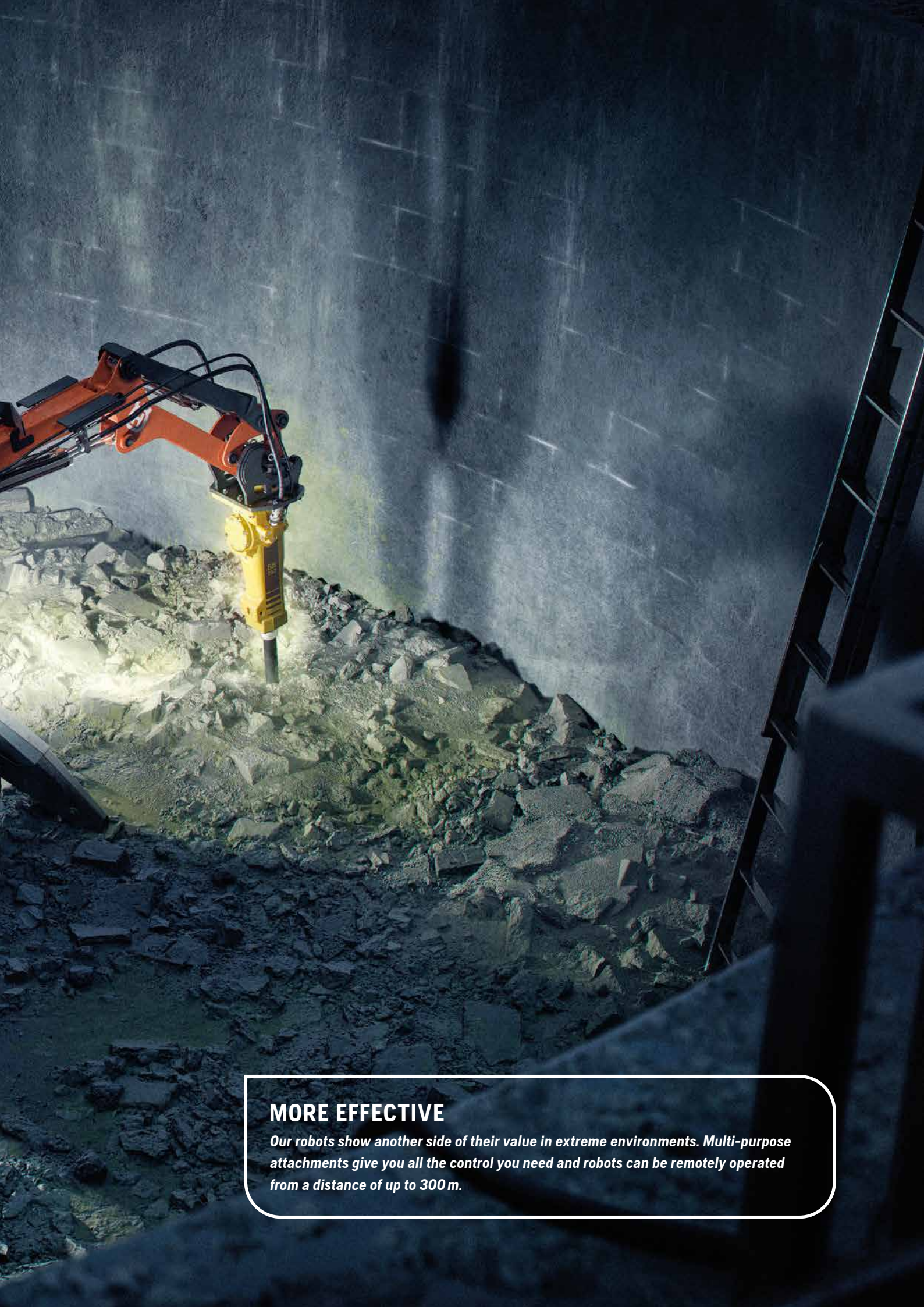
Enjoy more precise control when tackling tasks in highly sensitive areas.

## MORE MOBILITY

Exceptional mobility and reach for faster and easier work in confined or hazardous spaces.







## **MORE EFFECTIVE**

*Our robots show another side of their value in extreme environments. Multi-purpose attachments give you all the control you need and robots can be remotely operated from a distance of up to 300 m.*



# SEE THE DIFFERENCE

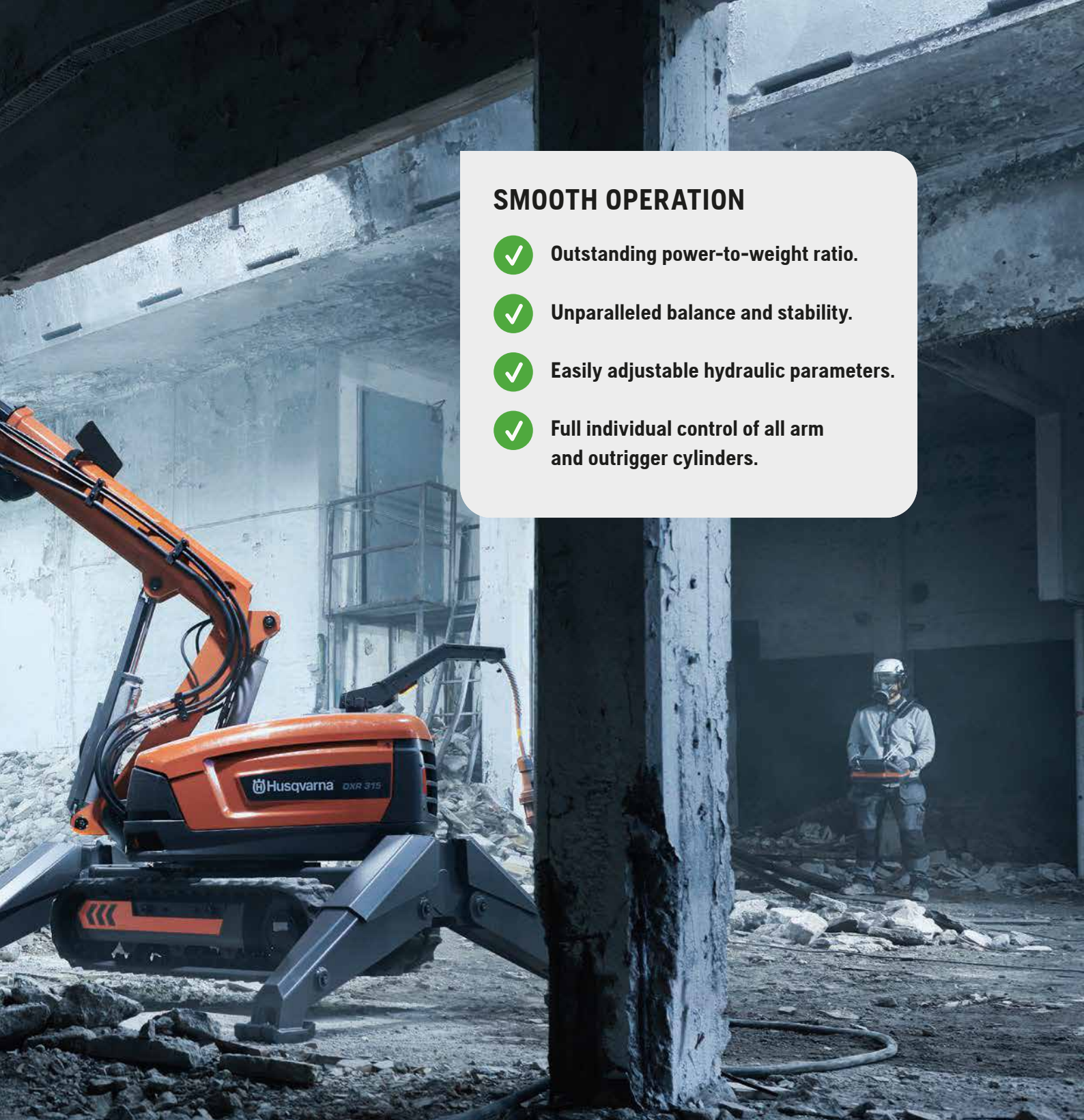
## EASY MAINTENANCE



Convenient access to key service points.



Hydraulic track tension.



## SMOOTH OPERATION

- ✓ Outstanding power-to-weight ratio.
- ✓ Unparalleled balance and stability.
- ✓ Easily adjustable hydraulic parameters.
- ✓ Full individual control of all arm and outrigger cylinders.



Error messages and service notifications in plain text and multiple languages.

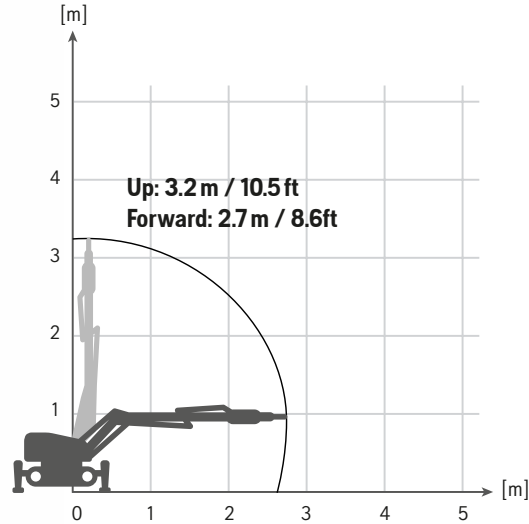


Diagnostics on the remote control screen.

# CHOOSE YOUR DXR

## HUSQVARNA DXR

# 95



Weight: 589 kg / 1299 lbs.  
(Machine only)



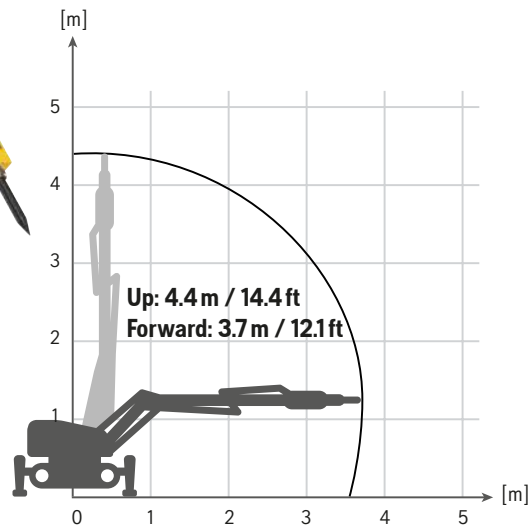
V: 380–420 (50Hz)  
440–480 (60Hz).  
A: 16 (50Hz) 15 (60Hz).



Tools – Rec. Max. weight:  
120 kg / 265 lbs.

## HUSQVARNA DXR

# 145



Weight: 985 kg / 2171 lbs.  
(Machine only)



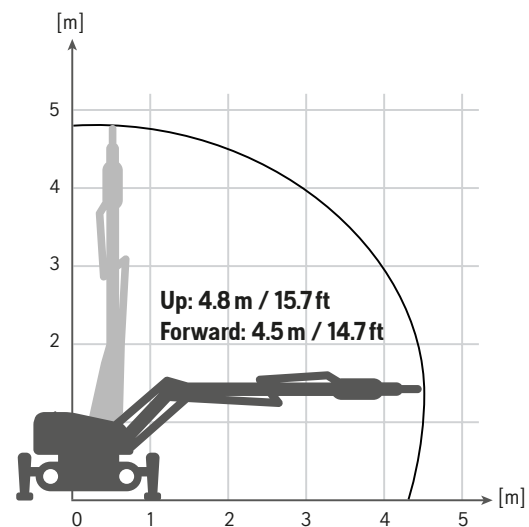
V: 380–420 (50Hz)  
440–480 (60Hz).  
A: 32 (50Hz) 30 (60Hz).



Tools – Rec. Max. weight:  
200 kg / 441 lbs.

## HUSQVARNA DXR

# 275



Weight: 1750 kg / 3858 lbs.  
(Machine only)



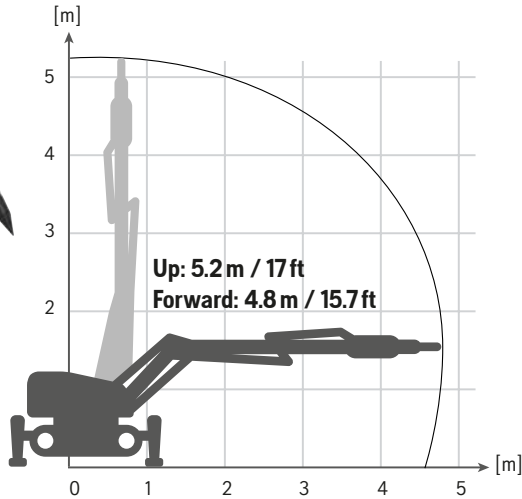
V: 380–420 (50Hz)  
440–480 (60Hz).  
A: 46 (50Hz) 39 (60Hz).



Tools – Rec. Max. weight:  
310 kg / 683 lbs.

## HUSQVARNA DXR

# 305



Weight: 1960 kg / 4321 lbs.  
(Machine only)



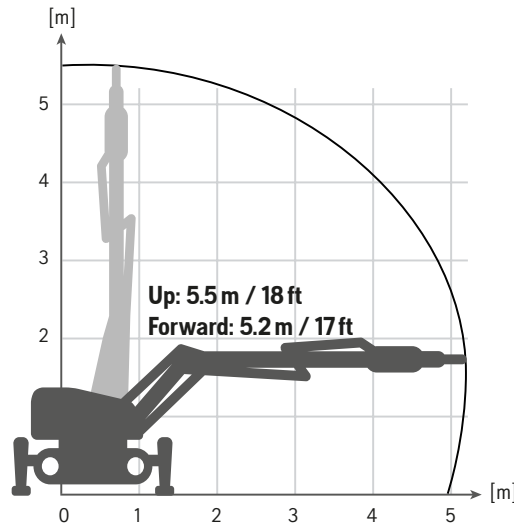
V: 380–420 (50 Hz)  
440–480 (60 Hz).  
A: 52 (50 Hz) 44 (60 Hz).



Tools – Rec. Max. weight:  
310 kg / 683 lbs.

## HUSQVARNA DXR

# 315



Weight: 2020 kg / 4453 lbs.  
(Machine only)



V: 380–420 (50 Hz)  
440–480 (60 Hz).  
A: 52 (50 Hz) 44 (60 Hz).



Tools – Rec. Max. weight:  
310 kg / 683 lbs.



### DXR 95

- Superb power-to-weight ratio
- Compact size fits in vans, elevators, and narrow passageways
- Heavy-duty arm system for tough demo jobs



### DXR 275

- Compact and stable
- Low weight and ground pressure, can be used in areas with limited floor load
- High hitting force



### DXR 145

- Endless 360°+ rotating arm, excellent reach and flexibility
- Compact size fits in vans, elevators, and narrow passageways
- Low weight and ground pressure, can be used in areas with limited floor load



### DXR 305

- High hitting force
- Superb power-to-weight ratio
- Long fixed arm, durable design with a minimum need of service



### DXR 315

- Long telescopic arm, max 5.5 m, flexible reach
- Precise positioning
- High hitting force

# DEMOLITION TOOLS



## BUCKET

Transform your DXR into a remote-controlled excavator or transport materials with our standard, narrow or wide buckets.



## DRUM CUTTER

Increase productivity with this effective and flexible tool for surface removal, trenching and profiling of rock, concrete and other materials.



## BREAKER

Smash through materials using hydraulic breakers with a powerful knocking force. Chisels up to 2.5 m long are available to extend the reach of large breakers.



## STEEL SHEARER

A rotating steel shearer with low weight and high shearing force that is ideal for powerful and precise work in confined spaces.



## MULTI-GRAPPLER

A lightweight and versatile grappler that combines high volume with a powerful gripping force to accomplish a range of duties.



## CRUSHER

A flexible tool that opens up possibilities for precise and fast crushing of materials such as concrete, brick, stone and much more.

	Bucket Std	Bucket Wide	Bucket Narrow	SB52	SB102	SB152	SB202	SB302	DCR 90	DCR100	DCR500	ER-40	ER-50	Steel Shear	MG100	MG200
DXR 95	•	•	•	•	•				•			•			•	
DXR 145	•	•	•			•				•			•	•	•	
DXR 275	•	•	•				•				•		•	•		•
DXR305	•	•	•				•	•			•		•	•		•
DXR 315	•	•	•				•				•		•	•		•

**CONVENIENT AND EASY TRANSPORT**  
The compact size allows it to fit through normal-sized doorways and be used on weight-sensitive jobsites.



**EASY TOOL CHANGE**

State-of-the-art DXR software automatically adjusts flow and pressure to the attachments. For tools of other brands, a simple manual adjustment is enough.

# FACTORY-INSTALLED FEATURES

Your DXR remote demolition robot can be equipped with features for specific applications to give you greater precision, performance and protection.



P1

## HYDRAULIC FUNCTION

Control one extra hydraulic function such as axial rotation of grapplers and shearer with speed and precision. Includes protection shields for the outer hydraulic cylinders. Available for all DXR models.



P2

## ENHANCED COOLING

Work continuously with full power in higher ambient temperatures to boost productivity in applications such as cement kilns and steel factories. Available for the DXR 270/275, DXR 300/305, DXR 310/315 and DXR 140/145 (aftermarket only).



P3

## HEAT PROTECTION

Enables deslagging in hot melting plants and similar applications. Protects vital parts of the robot from damage caused by radiant heating and conduction heating. Available for the DXR 270/275, DXR 300/305, DXR 310/315 and DXR 140/145 (aftermarket only).

P3

	Hydraulic kit for extra functions	Cylinder protection kit (C2+C3)	Cooling kit	Hose protection	Fire resistant hydraulic oil	Steel track	Steel feet	Cooling extension kit for breaker	Heat protection kit for SB 202, SB 302, SB 152 (aftermarket only, ordered separately)
<b>P1 EXTENDED HYDRAULIC FUNCTION &amp; CYLINDER PROTECTION*</b>	● ●	● ●							
<b>P2 ENHANCED COOLING</b>	●	●	● ●						
<b>P3 HEAT PROTECTION</b>	●	●	●	● ●	●	● ●	● ●	● ●	● ●

- Aftermarket installation
- Factory installation

\* P1 for DXR 95 contains one extra hydraulic function. (For aftermarket only)  
The DXR 95 comes with cylinder protection as standard.





**ADDITIONAL ACCESSORIES**



Tool drain kit



Dust reduction kit



Waist belt



Counterweight





# SUPPORT AT EVERY STEP

## SERVICES AND EXPERTISE

When you invest in a DXR remote demolition robot, you get more than a machine – you also get the benefit of a partner with wide-ranging know-how and a heritage of expertise. With service and sales centres all around the world, any support you might need is never far away. We are always ready to help.

- ✓ Application support
- ✓ Spare parts & accessories
- ✓ Service
- ✓ Support on how to grow your business
- ✓ Operational Lease
- ✓ Husqvarna Service Contracts

# DXR ATTACHMENT SPECIFICATION DATA



	CONCRETE CRUSHERS			STEEL SHEAR
Models	DCR 500	DCR 100	DCR 90	DSS 200
Part Number	546424601	966786301	546424301	967278001
Recommended for	DXR 315/305/275	DXR 145	DXR 95	DXR 315/305/275/145

## TECH DATA TABLE

### Dimensions

Jaw depth	211 mm (8.3 in)	185 mm (7.25 in)	129 mm (5.0 in)	158 mm (6.2 in)
Jaw width				
Jaw opening, min	16 mm (0.6 in)	25 mm (1 in)	52 mm (2.0 in)	
Jaw opening, max	467 mm (18.4 in)	425 mm (16.7 in)	271 mm (10.6 in)	200 mm (7.9 in)
Volume				
Rebar size, max	30 mm (1.18 in)	28 mm (1.1 in)	16 mm (0.63 in)	25 mm (1 in)
Product size length	1,223 mm (48.1 in)	1,000 mm (39.4 in)	841 mm (33.1 in)	1,212 mm (47.8 in)
Product size width	816 mm (32.1 in)	730 mm (28.7 in)	653 mm (25.7 in)	330 mm (13 in)
Product size height	330 mm (13 in)	330 mm (13 in)	210 mm (8.3 in)	423 mm (16.6 in)
Weight	295 kg (650 lbs)	192 kg (423 lbs)	94 kg (207 lbs)	185 kg (408 lbs)

### Hydraulics

Hydraulic oil flow	85 l/min (22.4 gal/min)	55 l/min (4.53 gal/min)	32 l/min (7.9 gal/min)	75 l/min (19.8 gal/min)
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### Specifications

Type of tool	Crusher	Crusher	Crusher	Steel shearer
Crushing force	50 t (490 kN)	34 t (333 kN)	24 t (235 kN)	
Cutting force	222 t (2,177 kN)	94 t (922 kN)	74 t (726 kN)	85.7 t (840 kN)
Rotation angle	360°	360°	360°	360°
Incoming pressure, max	200 bar (2,900 psi)	200 bar (2,900 psi)	250 bar (3,626 psi)	250 bar (3,626 psi)
Operating pressure, max	600 bar (8,702 psi)	201 bar (2,900 psi)	250 bar (3,626 psi)	250 bar (3,626 psi)
Impact frequency				
Impact energy				
Factory option				
Diameter of cutter drum				
Number of picks				
Maximum cutting force at 350 bar (5,075 psi)				
Maximum torque at 350 bar (5,075 psi)				
Maximum rock hardness				
Force				



DRUM CUTTER	
ER 50	ER 40
583807001	546222001
DXR 315/305/275/145	DXR 95



MULTI-GRAPPLER		
MG 200	MG 100	MG 100
586743001	586742901	586742902
DXR 315/305/275	DXR 145	DXR 95

872 mm (34.3 in)	640 mm (25.2 in)
500 mm (19.7 in)	387 mm (12.2 in)
436 mm (17.2 in)	350 mm (13.8 in)
190 kg (419 lbs)	90 kg (198 lbs)

335 mm (13.2 in)	205 mm (8.1 in)	205 mm (8.1 in)
450 mm (17.7 in)	310 mm (12.2 in)	310 mm (12.2 in)
0 mm (0 in)	0 mm (0 in)	0 mm (0 in)
900 mm (35.4 in)	600 mm (23.6 in)	600 mm (23.6 in)
70 l (18.5 gal)	30 l (7.9 gal)	30 l (7.9 gal)
967 mm (38.1 in)	908 mm (37.5 in)	725 mm (28.5 in)
817 mm (32.2 in)	605 mm (23.8 in)	600 mm (23.6 in)
450 mm (17.7 in)	383 mm (15.1 in)	451 mm (17.8 in)
169 kg (373 lbs)	100 kg (220 lbs)	81 kg (179 lbs)

60 l/min (16 gal/min)	40 l/min (10.6 gal/min)
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25 l/min (6.6 gal/min)	15 l/min (3.96 gal/min)	15 l/min (3.96 gal/min)
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Drum cutter	Drum cutter
360°	360°
350 bar (5,075 psi)	350 bar (5,075 psi)
200 bar (2,901 psi)	200 bar (2,901 psi)
240 mm (9 in)	225 mm (8.9 in)
56 pcs	40 pcs
11.9 kN (2,664 lbf)	8.53 kN (1,918 lbf)
1.42 kNm (1,047 ft lbs)	960 Nm (708 lbs)
25 Mpa (3,625 psi)	20 Mpa (2,901 psi)

Grapplers	Grapplers	Grapplers
360°	360°	360°
300 bar (4,351 psi)	300 bar (4,351 psi)	300 bar (4,351 psi)
250 bar (3,626 psi)	250 bar (3,626 psi)	250 bar (3,626 psi)
15 t (1.5 kN)	5.9 t (0.6 kN)	5.9 t (0.6 kN)

# DXR ATTACHMENT SPECIFICATION DATA



	BUCKETS					
Models	Wide	Standard	Narrow	Wide	Standard	Narrow
Part Number	587975701	587310701	587310801	587310901	587311001	587310802
Recommended for	DXR 315/305/275	DXR 315/305/275	DXR 315/305/275	DXR 145	DXR 145	DXR 145

## TECH DATA TABLE

### Dimensions

Jaw depth						
Jaw width						
Jaw opening, min						
Jaw opening, max						
Volume	105 l (27 gal)	85 l (22 gal)	40 l (10 gal)	60 l (15 gal)	55 l (14 gal)	40 l (10 gal)
Rebar size, max						
Product size length	715 mm (28.2 in)	792 mm (31.2 in)	690 mm (27.2 in)	566 mm (22.3 in)	654 mm (22.7 in)	703 mm (27.7 in)
Product size width	770 mm (30.3 in)	520 mm (20.5 in)	300 mm (11.8 in)	770 mm (30.3 in)	520 mm (20.5 in)	300 mm (11.8 in)
Product size height	456 mm (18 in)	481 mm (18.9 in)	462 mm (18.2 in)	389 mm (15.3 in)	374 mm (14.7 in)	468 mm (18.4 in)
Weight	90 kg (198 lbs)	70 kg (154 lbs)	50 kg (110 lbs)	60 kg (132 lbs)	58 kg (127 lbs)	50 kg (110 lbs)

### Hydraulics

Hydraulic oil flow	15 l/min (3.96 gal/min)					
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### Specifications

Type of tool	Buckets	Buckets	Buckets	Buckets	Buckets	Buckets
Crushing force						
Cutting force						
Rotation angle						
Incoming pressure, max						
Operating pressure, max						
Impact frequency						
Impact energy						
Factory option						
Diameter of cutter drum						
Number of picks						
Maximum cutting force at 350 bar (5,075 psi)						
Maximum torque at 350 bar (5,075 psi)						
Maximum rock hardness						
Force						



**BUCKETS**

Wide	Standard	Narrow
546299703	546299701	546299702
DXR 95	DXR 95	DXR 95

**BREAKERS**

SB 302	SB 202	SB 152	SB 102	SB 52
586501301	522482401	576189101	546220601	546221601
DXR 305	DXR 315/305/275	DXR 145	DXR 95	DXR 95

45 l (11.8 gal)	45 l (11.8 gal)	30 l (7.9 gal)
382 mm (15 in)	363 mm (14.2 in)	373 mm (14.6 in)
590 mm (23.2 in)	430 mm (16.9 in)	270 mm (10.6 in)
536 mm (21.1 in)	638 mm (25.1 in)	635 mm (25 in)
34 kg (75 lbs)	22 kg (48.5 lbs)	34 kg (75 lbs)

59.1 mm (1.5 in)	1,297 mm (51.1 in)	1,209 mm (47.6 in)	950 mm (37.4 in)	850 mm (33 in)
466 mm (18.1 in)	410 mm (16.1 in)	390 mm (15.4 in)	340 mm (13.4 in)	284 mm (11.2 in)
430 mm (16.9 in)	350 mm (13.8 in)	320 mm (12.6 in)	312 mm (12.3 in)	250 mm (9.8 in)
299 kg (659 lbs)	210 kg (463 lbs)	148 kg (326 lbs)	88 kg (194 lbs)	67 kg (148 lbs)


80 l/min (21.13 gal/min)	66 l/min (17.43 gal/min)	45 l/min (11.88 gal/min)	35 l/min (9.2 gal/min)	27 l/min (7.1 gal/min)

Buckets	Buckets	Buckets

Breakers	Breakers	Breakers	Breakers	Breakers
150 bar (2,175 psi)	150 bar (2,175 psi)	150 bar (2,175 psi)	150 bar (2,175 psi)	150 bar (2,175 psi)
150 bar (2,175 psi)	150 bar (2,175 psi)	150 bar (2,175 psi)	150 bar (2,175 psi)	150 bar (2,175 psi)
23 Hz	30 Hz	32 Hz	38 Hz	28 Hz
610 Joule	406 Joule	254 Joule	159 Joule	101 Joule
Standard	Standard	Standard	Standard	Standard



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