



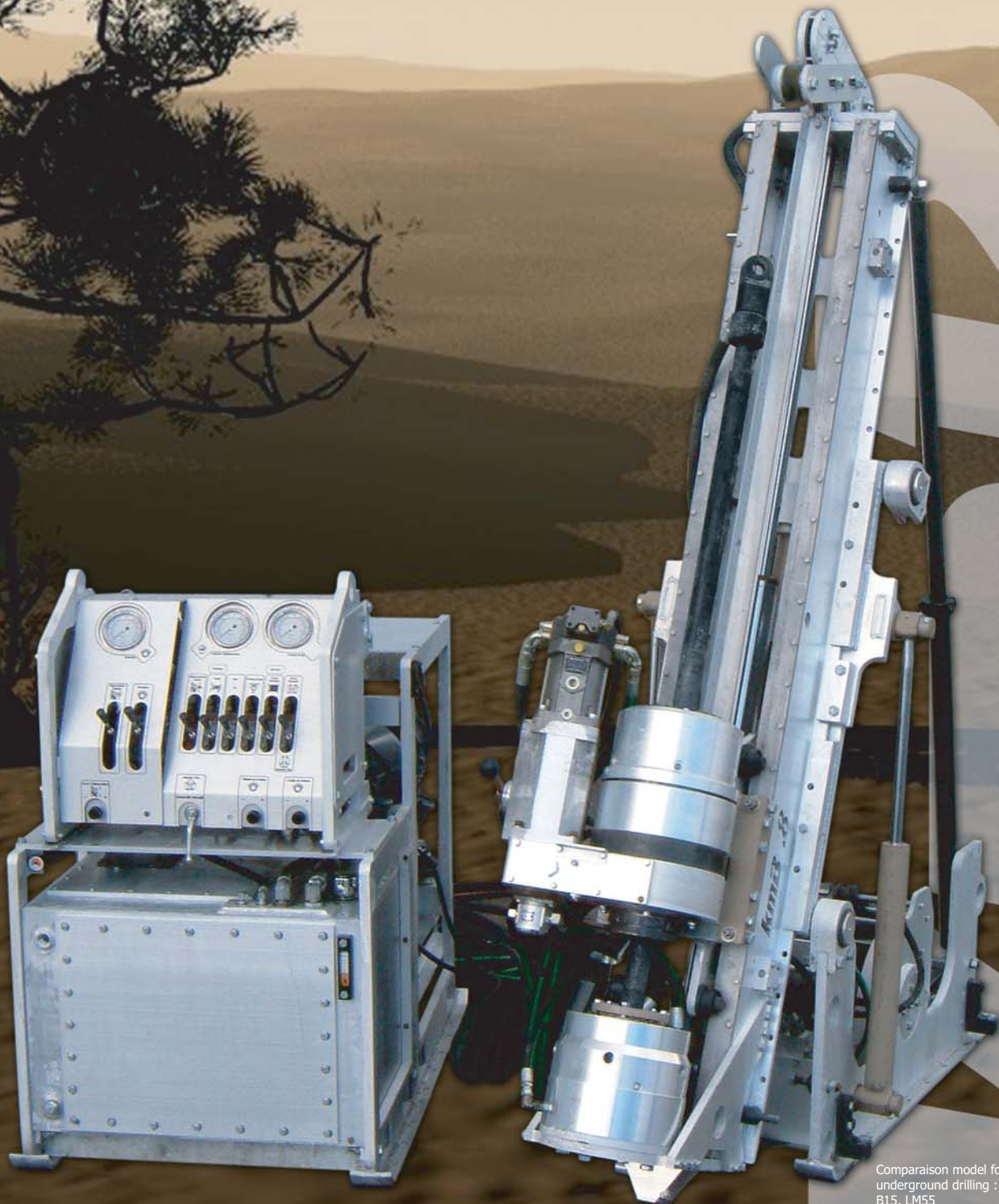
Diamond Drill Rig

kmB .8

Model 2004

Range of uses

- Surface and underground drilling
- Heliport drill for fly-in program
- Environmental drilling
- Geotechnical drilling



Comparison model for
underground drilling :
B15, LM55

Diamond drill rig

kmB .8

THIS DRILL IS PERFECT FOR JUNGLE MINERAL EXPLORATION AND LIMITED ACCESS GEOTECHNICAL WORK

FEATURES
Modular design that gives the possibility of splitting the drill apart.
Particularly interesting on our drill is the rod holder and the chuck that are capable of handling 1,75" (44,5mm) to 4,9" (144mm) diameter drill rods. (AQ-PQ)
The feed frame base can be inclined 180 degrees and positioned to the desired height.

APPLICATIONS
Surface and underground mining exploration
Geotechnical drilling
Environmental drilling
Foundations
Blast hole
Heliport drill for fly-in programs

DRILLING TECHNIQUES
Diamond core drilling
Rotary tricone
Auger

DEPTH CAPACITY CORING (WIREFINE OR CONVENTIONAL)	
B Wireline :	2600' (800 m)
N Wireline :	1950' (600 m)
H Wireline :	1100' (338 m)
P Wireline :	650' (200 m)

POWER UNIT
Cummins engine 4BTA3.9 4 cyl. 130 HP (97 KW) Turbo
Dry weight: 1352 lbs (613 kg)

WIREFINE HOIST CAPACITY	
Max pull bare drum :	2000 lbs (907 kg)
Max pull full drum :	650 lbs (295 kg)
Cable size :	3/16" (5 mm) dia. 3000' (914 m)

FEED FRAME	
Stroke :	5,5' (168 cm)
Maximum stroke speed :	200 ft/min
Push and Pull capacity :	18240 lbs (8274 kg)

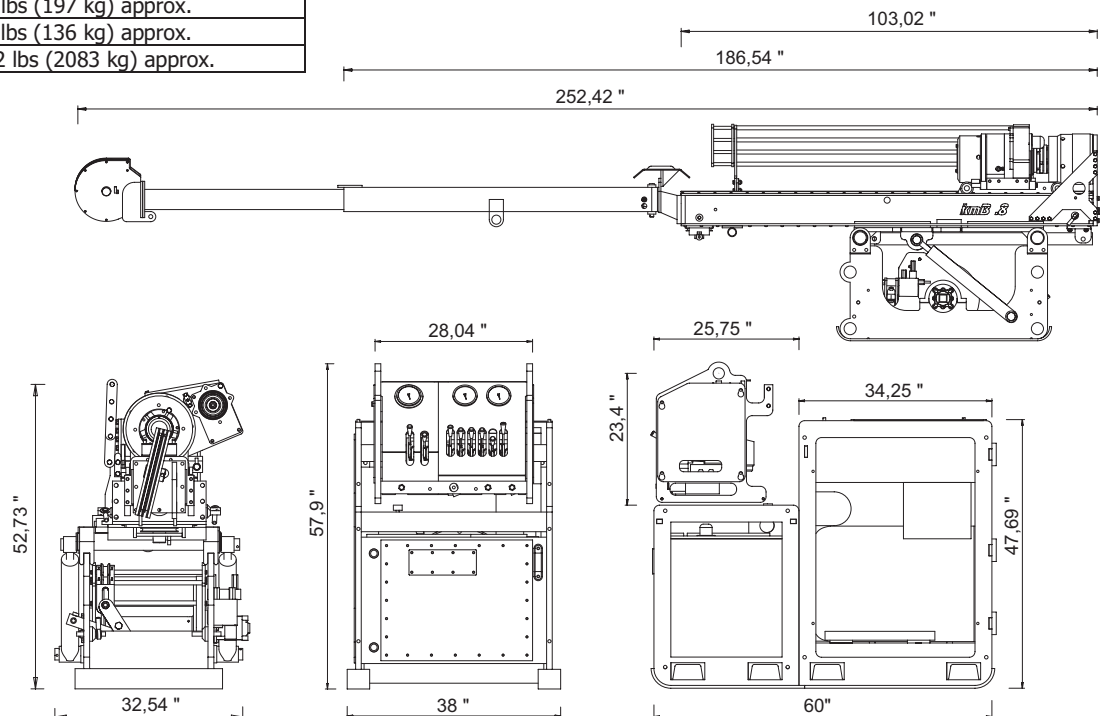
HYDRAULIC SYSTEM	
One Rexroth load sensed 140 cc/rev pump	
Flow rate : 68 gpm (257 l/min) at 1800 RPM	
Operating pressure : 4000 psi (276 bar)	
Tank mounted return filter	
Water to oil heat exchanger	

SURFACE MAST	
Stroke :	15' (4,6 m) above drill head with 3/8" (9,5 mm) cable
Single line pull capacity :	N/A
Pull Speed :	N/A
Speed of descent :	N/A

WEIGHT	
Power unit :	1352 lbs (613 kg) approx.
Hydraulic pumps & tank :	1150 lbs (522 kg) dry approx.
Control panel :	220 lbs (100 kg) approx.
Drill head :	330 lbs (150 kg) approx.
Drill head hyd. motor :	40 lbs (18 kg) approx.
Drill head 3 speeds transmission :	40 lbs (18 kg) approx.
Rod holder :	130 lbs (59 kg) approx.
Upper mast section :	800 lbs (363 kg) approx.
Feed assembly :	435 lbs (197 kg) approx.
Wireline hoist & mast base :	300 lbs (136 kg) approx.
Total weight :	4592 lbs (2083 kg) approx.

ROD HOLDER AND CHUCK	
Operation :	Hydraulic opened, spring closed
Holding capacity :	10000 lbs (4536 kg)

DRILL HEAD				
P-size hollow spindle :		4,9" (124mm)		
Power :		Hydraulic motor 80cc		
Transmission :		Manual 2 Speed		
Speed	Ratio	RPM	Lb*ft	N*m
HI	1:1	1200	485	657
LO	3,46:1	347	1680	2277



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