

The CLIPPER Solutions



DRILL RIGS & DRILLING MOTORS





You are looking for drilling equipment
for bricks, poroton, hollow concrete blocks, concrete...

WET-DRILLING WITH HANDHELD MOTOR ON DRILL RIG

What is the hole diameter ?



Select the right handheld motor

Masonry materials up to $\varnothing$ 100mm
or concrete up to $\varnothing$ 80mm

Masonry materials up to $\varnothing$ 200mm
or concrete up to $\varnothing$ 160mm

NBM 131 - 1800W



NBM 201 - 2000W



Select the right drill rig for handheld motors

Up to $\varnothing$ 130mm

Up to $\varnothing$ 160mm

Up to $\varnothing$ 200mm



CDR 132



CDR 162



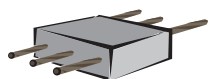
CDR 252 *



For optional accessories, see at bottom of next page.

* Requires optional 60mm motor adaptor ring.
(310388827 - p.143)

FOR DRILLING EQUIPEMENT



You are looking for drilling equipment
for hard materials like reinforced concrete or natural stones

WET-DRILLING WITH FIXED MOTOR ON DRILL RIG

What is the hole diameter ?

Select the right fixed motor

Reinforced concrete up to $\varnothing$ 250mm

NBM 251 - 2500W



Reinforced concrete up to $\varnothing$ 400mm

NBM 351 - 3300W



Select the right drill rig for fixed motors

Up to $\varnothing$ 250mm



CDR 252

Up to $\varnothing$ 350mm



CDR 352

Up to $\varnothing$ 400mm



CDR 402

Optional accessories :



Vacuum base
310387430, 310387431
(see page 143)



Vacuum pump - 310387450
(see page 144)



Water collector
310387433, 310387434
(see page 143)



Dust & water extractor CV401
310378778 (see page 150)





DRILL RIGS



*You are looking for drilling equipment
for bricks, poroton, hollow concrete blocks, concrete...*

DRY DRILLING WITH HANDHELD MOTOR

What is the hole diameter ?

Select the right handheld motor

Masonry materials up to $\varnothing$ 100mm
or concrete up to $\varnothing$ 80mm

NBM 131 - 1800W



Masonry materials up to $\varnothing$ 200mm
or concrete up to $\varnothing$ 160mm

NBM 201 - 2000W



Select the right drill rig for handheld motors

Up to $\varnothing$ 130mm



CDR 132

Up to $\varnothing$ 160mm



CDR 162

Optional accessories :



Vacuum base
310387430, 310387431
(see page 143)



Vacuum pump - 310387450
(see page 144)



Dust swivel (NBM130/150)
310389028 (see page 147)

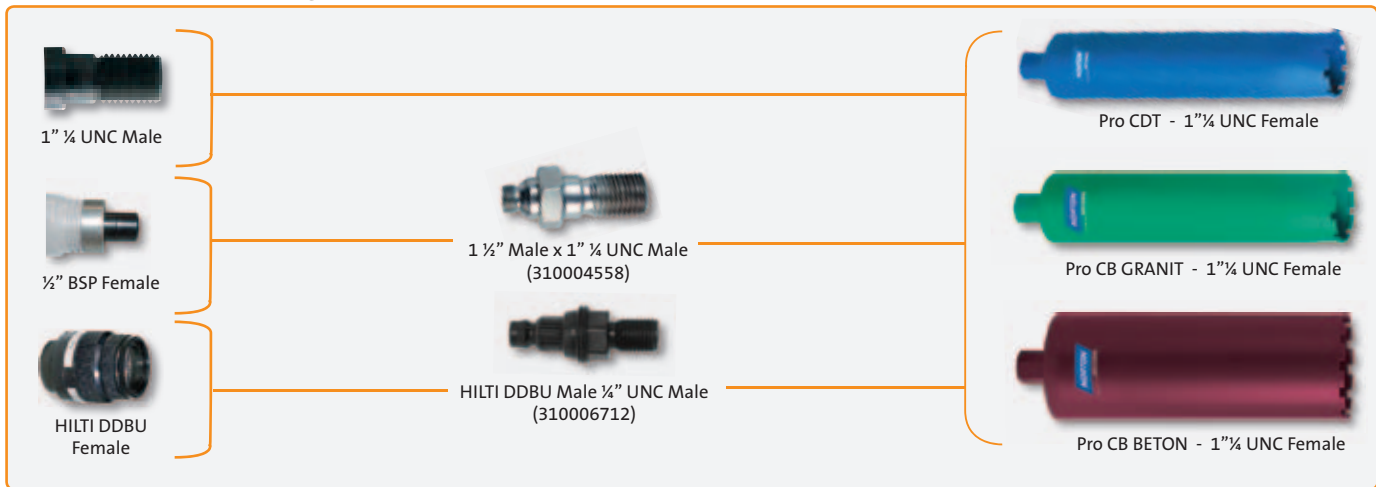


Dust & water extractor CV101
310389303 (see page 150)

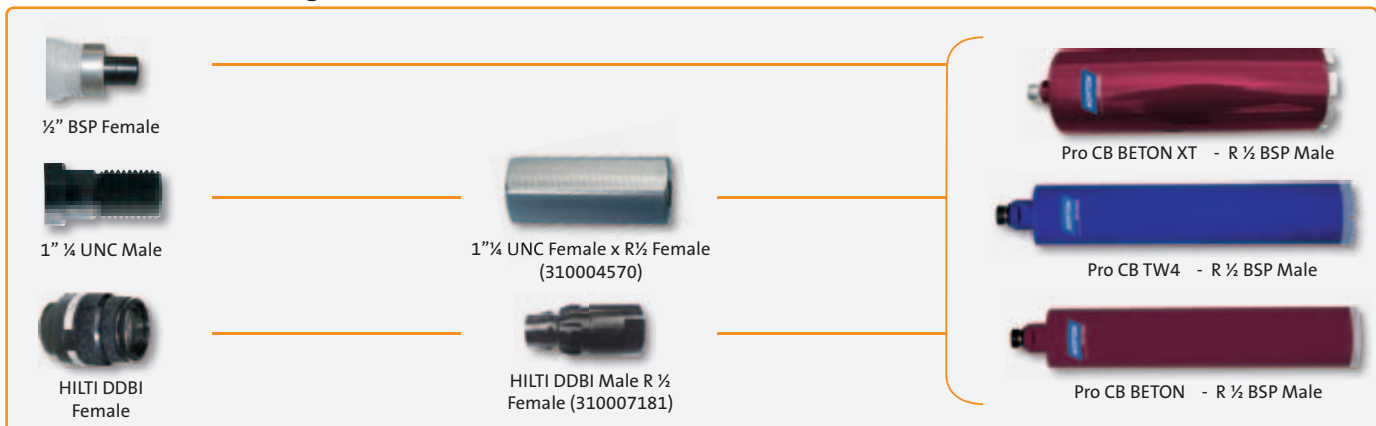


CONNECTIONS

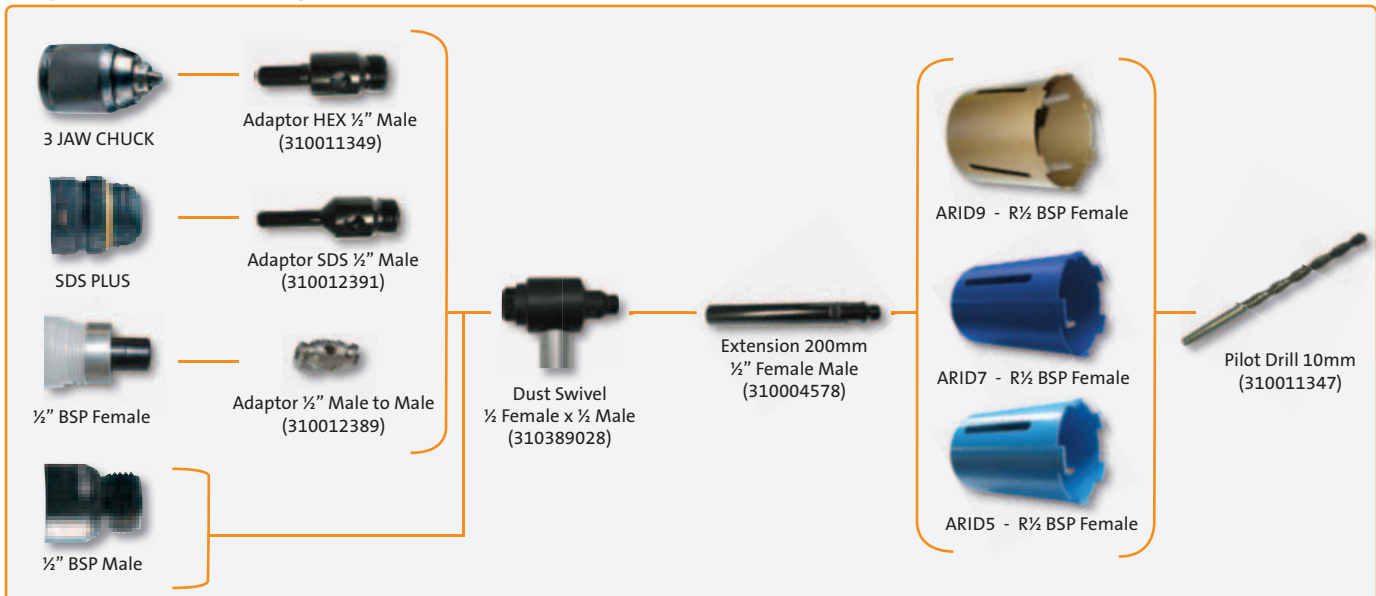
Wet handheld drilling with corebit 1" ¼ UNC Female



Wet handheld drilling with corebit R ½ BSP Male



Dry handheld drilling with corebit R ½ BSP Female





CDR 132 & CDR 162

ø 130 or
160mm

6-7kg



415-545mm



CDR 132



CDR 162



Fully aluminum drill stand combining rigidity, precision, ease of use and light weight. Unique accurate and smooth guiding thanks to 4 guiding rolls made of high performance Nylon. Easily accessible guiding wheels for wear compensation adjustment.

Features

Benefits

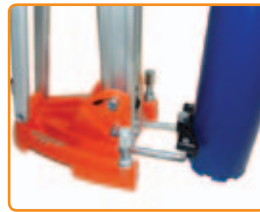
Aluminium column.	• Robust, reliable while light weight.
Left and right mounting drive-lever.	• Easy use even in confined environments.
Multi-purpose drive-lever.	• Can be used for levelling and locking screws.
Spirit level.	• For accurate column levelling.
Rolls-guided carriage.	• High accuracy drill guiding, few maintenance.
Laser pointer (CDR162).	• For precise rig positioning.
Ring mounting motor collar (60mm).	• Quick and easy motor mounting without any additional tool.
Transport handle on top.	• Easy and ergonomic handling.
Adjustable bit guide (CDR162).	• Precise cutting of the bit.



Spirit level.



Laser pointer system
(CDR162).



Adjustable bit guide
(CDR162).



Left and right
mounting drive lever

DRILL RIG for collar mounting

MODELS	CDR 82V	CDR 132	CDR 162
Item No	3103 87339	3103 87338	3103 87340
EAN 13 Code	5450248 466697	5450248 466482	5450248 466703
TECHNICAL DATA			
Diam. Max	80mm	130mm	160mm
Hub	410mm	415mm	545mm
Column	Aluminum	Aluminum	Aluminum
Column section	50 x 50mm	50 x 50mm	50 x 50mm
Base	Vacuum	Dowel	Dowel
Base dimensions	510 x 150mm	215 x 170mm	200 x 250mm
Bit guide	No	No	Yes
Motor mounting plate	Ring 60mm incl.	Ring 60mm incl.	Ring 60mm incl.
Carriage	Aluminum	Aluminum	Aluminum
Carriage Guiding system	Rolls	Rolls	Rolls
Carriage handle	left-right	left-right	left-right
Carriage travel	1:1	1:1	1:1
Braces	No	No	Yes
Tilting	No	No	0-45°
Pointing laser	No	No	Yes
Spirit level	1	1	1
Transport wheels	No	No	Optional
Height	720mm	725mm	900mm
Weight	7,5kg	6kg	7kg

CDR 82V

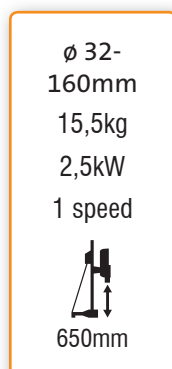


Vacuum base drill rig with manual suction cups. Especially designed for quick mounting on flat and polished supports, such as stone, glass, stair steps, etc.

The aluminium column is pivoting to allow drilling in corners and recessed area.

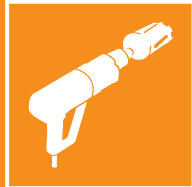
- 60mm motor collar mounting.
- Rolls guided carriage.
- Left and right mounting drive lever.

D160



Complete kit including:

- Aluminium column (885mm).
- Swivel base for precise drilling.
- Quick and easy motor mounting without additional tool.
- 2,5kW motor with dual connection 1"¼ + ½".
- Right and left mounting feed mechanism lever.
- PRCD.



HANDHELD DRILLING MOTORS

NBM 201

2,0kW

ø 40-
200mm

7,5kg

½ + 1"¼

3 speeds



Powerfull 2,0kW and reliable 3 speeds handheld drill motor with combined spindle ½" + 1"¼. Can also be used in a drill stand.

Features

Powerful 2000W drilling motor.

Combined spindle.

Ergonomic handles.

60mm ring on body.

3-speed gearbox.

Oil-bath lubricated gearbox.

Mechanical clutch.

Soft-start switch.

Overload protection.

Delivered in suitcase.

Benefits

- For both handheld and rig-mounted drilling.

- For the mounting of 1"¼ and ½" corebits.

- Easy torque-control and comfortable work.

- Can be mounted on drill rigs.

- For a wide drilling diameter range.

- Maintenance-free life-long lubrication.

- For user's safety.

- Limitation of starting current and speed.

- Protection of electrical and mechanical parts for longer life.

- Easy and safe transportation.



Combined spindle.



3-speed gearbox.

HANDHELD DRILLING MOTORS

All motors are delivered with differential switch (PRCD), 10mA.

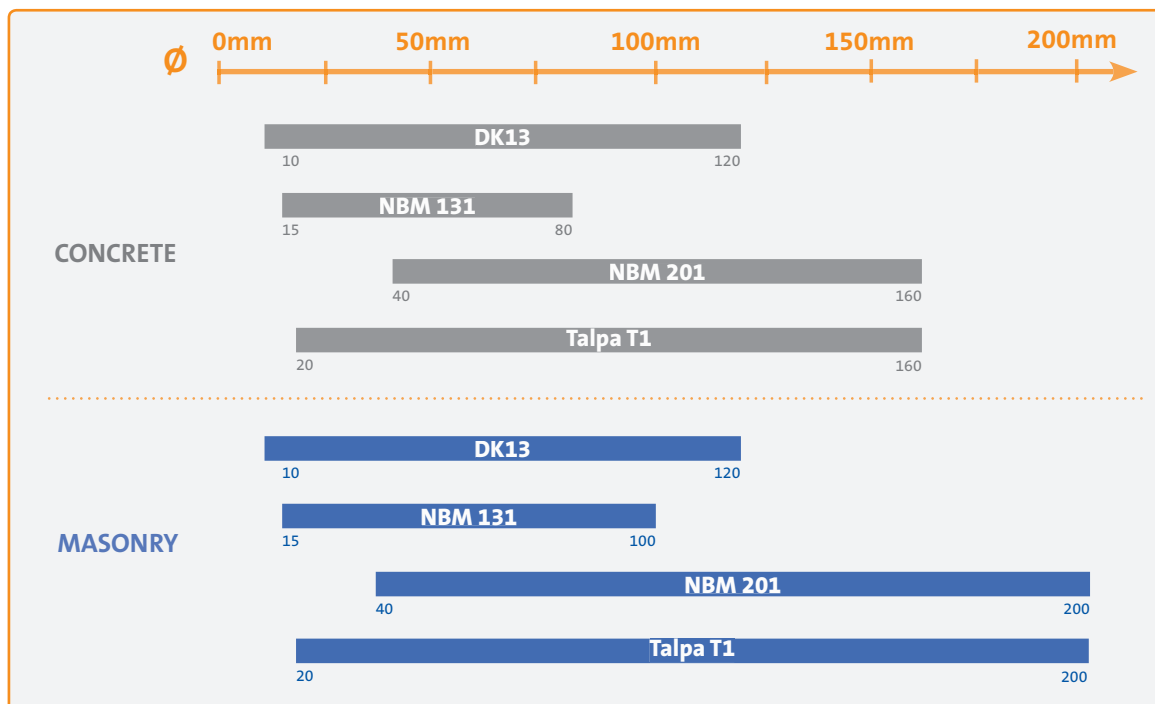


Handheld drilling motors

TYPE	POWER	VOLTS	Ø RANGE (mm)	DRY	WET	CONNECTION	RPM *	WEIGHT	ITEM NO	EAN 13 CODE
1 - Weka DK13***	1500W	230V1~	10-120	Yes	Yes	½ + 1"¼	580/1400/2900	6,3kg	3100 06399	5450248 169222
2 - NBM 131***	1800W	230V1~	15-100	Yes **	Yes	½ + 1"¼	1000/2600	6,8kg	3104 05042	5450248 515708
3 - NBM 201***	2000W	230V1~	40-200	Yes	Yes	½ + 1"¼	450/1050/2000	7,5kg	3104 05043	5450248 515715
4 - Cardi TALPA T1 MAN N EL41***	2200W	230V1~	20-200	Yes**	Yes	½ + 1"¼	530/1280/1780	7,5kg	3100 06973	5450248 189695

* RPM under load. ** WITH ACCESSORIES - See our dust swivel at p.147. *** Engine delivered in a box.

DIAMETER RANGE





DRILL RIGS

CDR 252, CDR 352 & CDR 402

ø 250-400mm
11-13,5kg
0-45°

625mm



CDR 252



CDR 352



Fully aluminum drill stand combining rigidity, precision, ease of use and light weight. Unique accurate and smooth guiding thanks to 4 guiding rolls made of high performance Nylon. Easily accessible guiding wheels for wear compensation adjustment.

Features

Aluminium column.

Rolls-guided carriage.

Laser pointer.

Transport wheels (CDR352 & CDR402).

3 points level adjustment.

Multi-purpose drive-lever.

Standard motor mounting fixture.

Transport handle on top.

Carriage travel (CDR402).

Adjustable bit guide.

Benefits

- Robust, reliable while light weight.

- High accuracy drill guiding, few maintenance.

- For precise rig positioning.

- For easy transportation (optional on CDR252).

- Quicker and faster installation.

- Can be used for levelling and locking screws.

- Fits to most drilling motors on the market.

- Easy and ergonomic handling.

- 2 different reports/ratio for an easy work.

- Precise cutting of the bit.



Spirit level.



Transport wheels.



Laser pointer system.



Rolls-guided carriage.

DRILL RIGS

MODELS	CDR 252	CDR 352	CDR 402
Item No	3103 87341	3103 87342	3103 87343
EAN 13 Code	5450248 466727	5450248 466734	5450248 466741
TECHNICAL DATA			
Diam. Max	250mm	350mm	400mm
Hub	625mm	625mm	625mm
Column	Aluminum	Aluminum	Aluminum
Column section	55 x 60mm	70 x 70mm	70 x 70mm
Base	Dowel	Dowel	Dowel
Base dimensions	235 x 325mm	330 x 400mm	330 x 400mm
Bit guide	Yes	Yes	Yes
Motor mounting plate	Quick mounting plate incl.	Quick mounting plate incl.	Quick mounting plate incl.
Carriage	Aluminum	Aluminum	Aluminum
Carriage Guiding system	Rolls	Rolls	Rolls
Carriage handle	left-right	left-right	left-right
Carriage travel	1:1	1:1	1:1 + 1:5
Braces	Yes	Yes	Yes
Tilting	0-45°	0-45°	0-45°
Pointing laser	Yes	Yes	Yes
Spirit level	1	1	1
Transport wheels	Optional	Included	Included
Height	975mm	1050mm	1050mm
Weight	11kg	13kg	13,5kg



Simple level adjustment with 3 screws on base.



Optional vacuum plate especially designed for perfect and simple fitting with the base. (310387431)



Unique precise and smooth guiding thanks to 4 guiding rolls made of high performance Nylon. Easily accessible guiding wheels for wear compensation adjustment.





3,3kW

ø 30-
350mm

12,5kg

1 1/4"

3 speeds



Powerfull reliable and compact 3-speed wet-drilling motor for rig mounting.

Features

3300W motor.

3-speed gearbox.

Standard motor mounting fixture.

Overload protection.

LED load indicator.

Soft-start switch.

Mechanical clutch.

Oil-bath lubricated gearbox.

Benefits

- Powerful and professional motor.

- For a wide drilling diameter range.

- Fits to most drilling rigs on the market.

- Protection of electrical and mechanical parts for longer life.

- For optimum drilling in-feed and longer life.

- Limitation of starting current.

- For optimal protection of motor and tools.

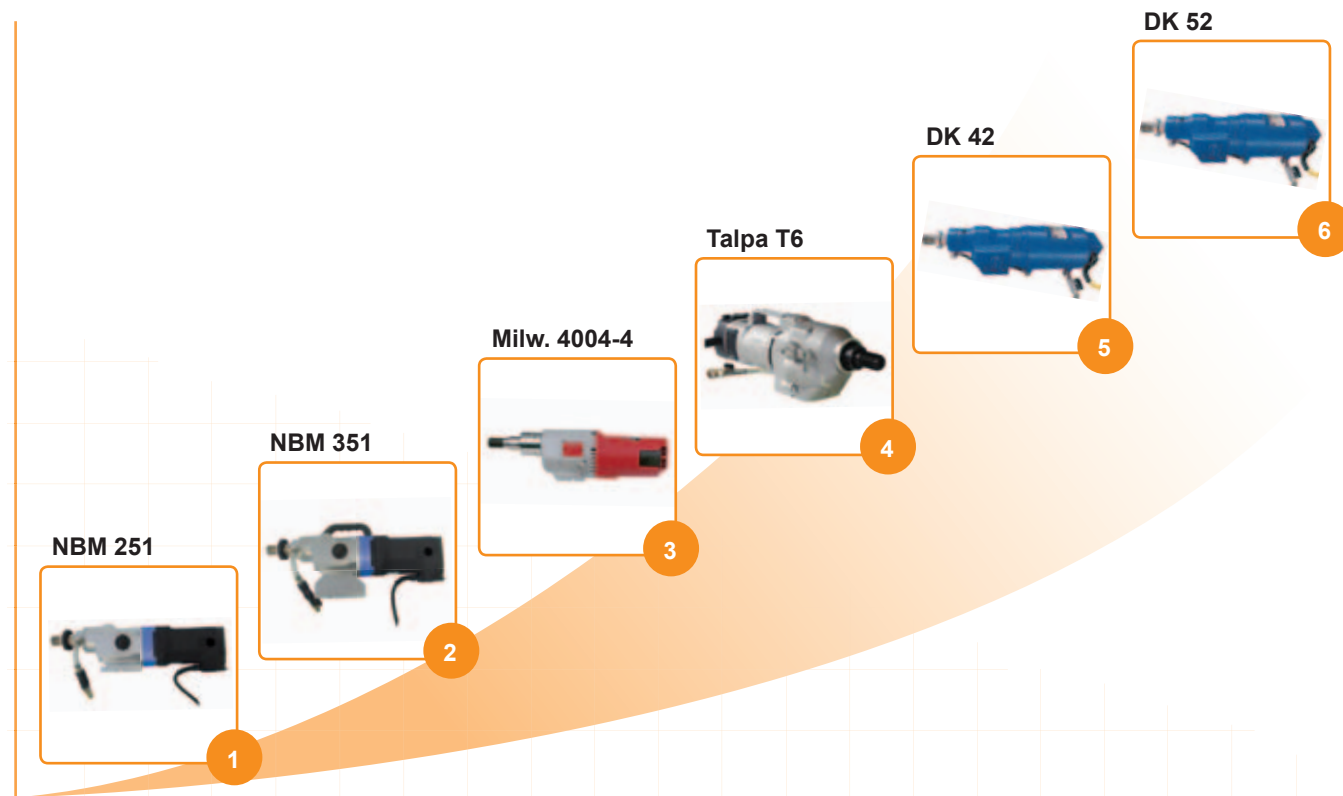
- Maintenance-free life-long lubrication.



3-speed gearbox.

DRILL RIG MOTORS

All motors are delivered with differential switch (PRCD), 10mA.

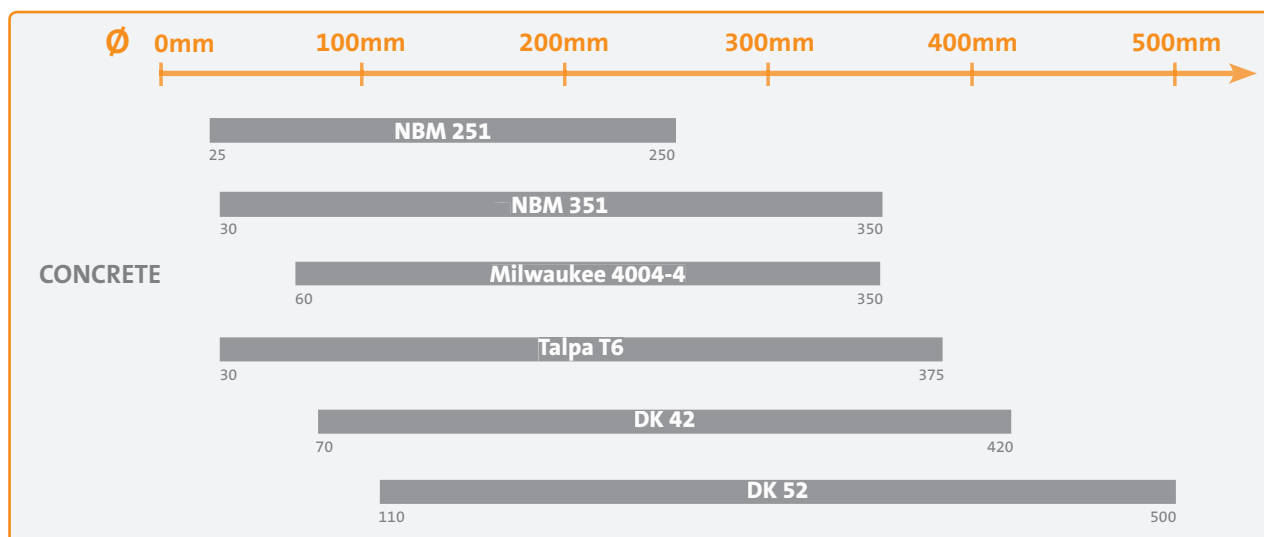


Drilling motors for rig mounting

TYPE	POWER	VOLTS	Ø RANGE	WET	CONNECTION	RPM *	WEIGHT	ITEM NO	EAN 13 CODE
1 - NBM 251	2500 W	230V1~	25-250mm	Yes	1"¼	310/650/960	11,5kg	3104 05044	5450248 515722
2 - NBM 351	3300 W	230V1~	30-350mm	Yes	1"¼	230/510/730	12,5kg	3104 05045	5450248 515739
3 - Milwaukee 4004-4	2800 W	230V1~	60-350mm	Yes	1"¼	300/600	14,5kg	3100 02284	5450248 126737
4 - Talpa T6-375 EL	3420 W	230V1~	30-375mm	Yes	1"¼	230/520/965	12,5kg	3100 24658	5450248 350309
5 - Weka DK 42 **	3900 W	400V3~	70-420mm	Yes	1"¼	160/340/510	21kg	3100 05131	5450248 115762
6 - Weka DK 52 **	5200 W	400V3~	110-500mm	Yes	1"¼	120/240/360	22,5kg	3100 06593	5450248 172680

* RPM under load. ** Water cooled.

DIAMETER RANGE





DRILL RIGS

COMPLETE KITS - Drill rigs with collars



Kits include drill stand with attached motor, dowel base, PRCD, tools and fixing screws (without dowel and without corebit).

Complete kits **CDR 132** :

MOTOR	POWER	RANGE	RPM	WEIGHT	ITEM NO	EAN 13 CODE
NBM 201	2000W	40-200mm	450/1050/2000	13,5kg	701846 43545	5450248 511335



Complete kits **CDR 162** :

MOTOR	POWER	RANGE	RPM	WEIGHT	ITEM NO	EAN 13 CODE
NBM 201	2000W	40-200	450/1050/2000	14,5kg	701846 43546	5450248 511342
Talpa T1 MAN N EL41	2200W	20-200	530/1280/1780	14,5kg	701846 43599	5450248 511229



Complete kits **D160** :

NEW

MOTOR	POWER	RANGE	RPM	WEIGHT	ITEM NO	EAN 13 CODE
NBM 115V	2500W	32-160	450	15,5kg	701846 45533	5450248 531241
NBM 230V	2500W	32-160	450	15,5kg	701846 45532	5450248 531241



COMPLETE KITS - Drill rigs



Kits include drill stand with attached motor, dowel base, PRCD, tools and anchor set (without dowel and without corebit).

Complete kit **CDR 252** :

MOTOR	POWER	RANGE	RPM	WEIGHT	ITEM NO	EAN 13 CODE
NBM 251	2500W	25-250	310/650/960	24,5kg	701846 43548	5450248 511366
Milwaukee 4004-4	2800W	60-350	300/600	25,5kg	701846 43600 *	5450248 511236

* Availability on request.

Complete kit **CDR 352** :

MOTOR	POWER	RANGE	RPM	WEIGHT	ITEM NO	EAN 13 CODE
NBM 351	3300W	30-350	230/510/730	26,5kg	701846 43549	5450248 511373
Talpa 6-375 EL	3420W	30-375	230/520/965	25,5kg	701846 43601 *	5450248 511243

* Availability on request.

Complete kit **CDR 402** :

MOTOR	POWER	RANGE	RPM	WEIGHT	ITEM NO	EAN 13 CODE
NBM 351	3300W	30-350	230/510/730	27kg	701846 43550	5450248 511397
Talpa 6-375 EL	3420W	30-375	230/520/965	26kg	701846 43602 *	5450248 511267

* Availability on request.





DRILL RIGS

ROBO 3003 & ROBO 3503

Ø 300 >
354mm
45 > 49 kg



Optional accessory



OPTIONAL
40L electrical
water tank

Features

High stroke
Continuous column angle setting up to 45°
Heavy duty frame
Optional foot plates with rolls

Benefits

- Allows use of drills with 1 1/4" connections or 3 holes
- Easy setting by column swing, pre-defined 45° and 90° positions
- Stability, even working in a trench
- Quick and easy samples or post holes drilling

Complete sets :

Including motor and motor frame, exhaust fumes hose (petrol motor), fixing strop and stake, 10L water tank and tools.

ROBO 3003

MOTOR	RANGE (MM)	RPM MIN ⁻¹	WEIGHT	ITEM NO	EAN 13 CODE
Stihl 2-Stroke, 3,0 kW	Ø 100 - 300	300	45 kg	701846 42276	5450248 497356
NBM 351	Ø 30 - 350	250/510/730	55 kg	701846 44222	5450248 517092

ROBO 3503

MOTOR	RANGE (MM)	RPM MIN ⁻¹	WEIGHT	ITEM NO	EAN 13 CODE
Stihl 2-Stroke, 3,0 kW	Ø 100 - 354	300	49 kg	701846 42278	5450248 497387



TECHNICAL DATA	ROBO 3003	ROBO 3503
Max. diameter	Ø 300mm	Ø 354mm
Connection	1 1/4" UNC	1 1/4" UNC
Hub	500mm	500mm
Weight	45kg	49kg



ACCESSORIES



ROBO 3003 & ROBO 3503		Item No	EAN 13 Code
1 -	Step boards (with transport wheels included)	3100 04601	5450248 094401
2 -	Water tank 10L	3103 87452	5450248 467137
3 -	Dowel gusset (for fixation with tie-bar anchor rod and screws)	3100 06298	5450248 156529



DRILL RIGS

1 -	Water collecting rings (delivered with 3 joints)	Item No	EAN 13 Code
	Water collector 20-125mm (for CDR162, CDR 252, CDR 352, CDR 402)	3103 87433	5450248 467021
	Water collector 20-180mm (for CDR162, CDR 252, CDR 352, CDR 402)	3103 87434	5450248 467038
2 -	Spare seals	Item No	EAN 13 Code
	20-125mm	3103 87435	5450248 467045
	20-180mm	3103 87446	5450248 467052
3 -	Vacuum base	Item No	EAN 13 Code
	CDR 132, CDR 162	3103 87430	5450248 466994
	CDR 252, CDR 402	3103 87431	5450248 467007
	Spacer and mounting rings	Item No	EAN 13 Code
4 -	CDR 252, CDR 352, CDR 402	3103 87454	5450248 467151
5 -	Motor adaptor ring 60mm for handheld motors	3103 88827	5450248 471325
6 -	Transport wheel	Item No	EAN 13 Code
	CDR 252, CDR 352, CDR 402	3103 87432	5450248 467014





DRILL RIGS

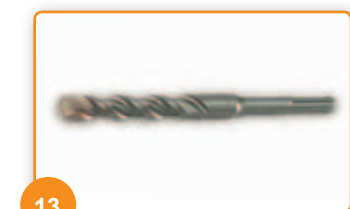
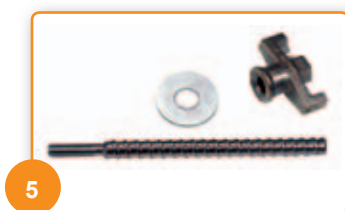
ACCESSORIES



DRILL RIGS	Item No	EAN 13 Code
1 - Vacuum pump Vp 135	3103 87450	5450248 467106
2 - Security box FI	3100 04404	5450248 079767
3 - Differential switch 30 mA (PRCD)	3100 05608	5450248 124146
Water tank 10L	3103 87452	5450248 467137
4 - Submerged water pump	3100 06044	5450248 138686
5 - Quick release anchor set (CDR252/352/402)	3100 03976	5450248 049418
Quick release anchor set (CDR132/162)	3103 89142	5450248 472209
6 - Bronze ring	3100 04317	5450248 074434
7 - Dowel installation tool	3103 87451	5450248 467113
8 - Rawl dowel (10 p)	3100 06879	5450248 189879
9 - Telescopic brace (Lmin=1,88m ; Lmax=3,30m)	3100 04567	5450248 090724
10 - Fixing dowel M12 (10p)	3100 04562	5450248 089995
11 - Tie-bar anchor rod for rawl dowel	3100 06977	5450248 190042
12 - Drifter	3100 07056	5450248 193043
13 - Drill SDS 15mm	3100 05211	5450248 117223
14 - Centering device for CDM ½" L = 300mm	3103 87448	5450248 467076
Centering device for CDM 1¼" L = 450mm	3103 87449	5450248 467083
15 - Water tank 40L with electrical pump	3103 87453	5450248 467144
Set of tools for CDR	3103 91934	5450248 493631
16 - Centering device 120mm	3100 07049	5450248 192909
17 - Adaptor M10	3100 06925	5450248 187554

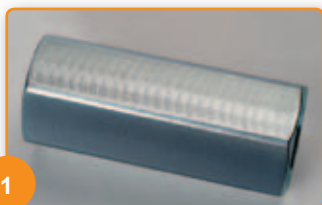


ACCESSORIES





ADAPTORS			Item No	EAN 13 Code
1 -	1 ¼" UNC Female x R ½" Female		3100 04570	5450248 090823
2 -	1 ¼" UNC Male x R ½" Male		3100 04558	5450248 089537
3 -	R ½" Male x M30 Male		3100 06783	5450248 186267
	1 ¼" UNC Female x M30 Male		3100 06867	5450248 186724
4 -	1 ¼" UNC Female x M38 Male		3100 04146	5450248 067443
5 -	1 ¼" UNC Male x Hilti DDBU		3100 06712	5450248 180968
6 -	R ½" Female x Hilti DDBI		3100 07181	5450248 202264
7 -	R ½" Male x R ½" Male		3100 12389	5450248 238768
8 -	SDS Male x R ½" Male		3100 12391	5450248 238782
9 -	3 holes flange x 1 ¼" UNC Female		3100 04594	5450248 094111
10 -	3 holes flange x 1 ¼" UNC Male		3100 04595	5450248 094128
EXTENSIONS			Item No	EAN 13 Code
11 -	1 ¼" UNC Female x 1 ¼" UNC Male	100mm	3100 04577	5450248 092001
	1 ¼" UNC Female x 1 ¼" UNC Male	200mm	3100 04571	5450248 090939
	1 ¼" UNC Female x 1 ¼" UNC Male	300mm	3100 04574	5450248 091196
	1 ¼" UNC Female x 1 ¼" UNC Male	500mm	3100 04575	5450248 091202
	R ½" Female x R ½" Male	100mm	3100 04610	5450248 095262
12 -	R ½" Female x R ½" Male	200mm	3100 04578	5450248 092018
	R ½" Female x R ½" Male	300mm	3100 04572	5450248 090946
	R ½" Female x R ½" Male	500mm	3100 04576	5450248 091219
	Extension M30	150mm	3100 05748	5450248 127352



1



2



3



4



5



6



7



8



9



10



11



12



ACCESSORIES



DRILL RIGS CONNECTORS		Item No	EAN 13 Code
	Dust swivel 3-Jaw to ½"	3100 11269	5450248 372714
1 -	Dust swivel ½" Male-Female	3103 89028	5450248 471806
2 -	150mm Extension	3100 11352	5450248 230410
3 -	250mm Extension	3100 11353	5450248 230427
4 -	Hex Adaptor Pack	3100 11356	5450248 234876
5 -	SDS Adaptor Pack	3100 11357	5450248 234883
6 -	SDS 200mm Extension Rod	3100 11355	5450248 230441
	22mm core starter	3100 11360	5450248 372752
	28mm core starter	3100 11361	5450248 372769
7 -	HEX Adaptor	3100 11349	5450248 230397
8 -	SDS Adaptor	3100 11354	5450248 230434
	Adaptor ½ male to male	3100 11358	5450248 372738
	10mm A Taper Masonry Drill	3100 11347	5450248 372776
9 -	Tapered Guide Rod	3100 11350	5450248 230403
10 -	Ejector Drift	3100 11351	5450248 372721





M16 DRILLING	Item No	EAN 13 Code
1 - Pilot drill Ø6mm	3100 03973	5450248 049234
2 - Pilot drill Ø8mm	3100 07578	5450248 219521
3 - Connector-Hex M16 for tapered pilot drill Ø6mm	3100 03974	5450248 049241
4 - M16 Male x R½" Male	3100 06030	5450248 149897
5 - Connector SDS M16 for tapered pilot drill Ø6mm	3100 05899	5450248 149880
6 - SDS connector with screw M16 for Ø6mm drill	3100 05898	5450248 149873

