

**NG**

QUALITY DRILLING EQUIPMENT

**RELIABLE  
POWERFUL  
ROBUST**



**apollo**<sup>TM</sup>

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## “OUTSTANDING PERFORMANCE AND RELIABILITY”

The experience with Apollo HDD drills from Martin Jansen Eupe of TWEGRON

“During a business trip to Dubai, I met Jan, an executive at Apollo, and became interested in their drills. At the time I was not satisfied with my supplier and therefore open for a change

### WHY CHOOSE

### THE APOLLO HDD DRILLING MACHINE?

The Apollo HDD drill offers the same high-quality performance as renowned American and German models. Although the Apollo is manufactured in India, this in no way reflects inferior quality. The global economic shift eastward has resulted in products of excellent quality, and the Apollo is no exception.

Apollo has been a leading manufacturer of HDD drills and cranes in Asia since 1967. The company has a proven track record of delivering high quality, making the Apollo HDD drill excel in craftsmanship and in some ways even outperform European and American alternatives.

#### ADAPTATION FOR THE EUROPEAN MARKET

Apollo has tailored its HDD drilling machines to the European market by supplying CE-certified machines equipped with well-known engines from Caterpillar and hydraulics from Sauer/Danfoss.

In addition, there are Dutch employees in the Apollo factory, which contributes to quality assurance and customer satisfaction.

#### CUSTOMER SATISFACTION AND COST EFFECTIVENESS

The first Apollo HDD drill has now been delivered to the Netherlands and the customer is very satisfied with its performance and quality. In addition to the high quality, Apollo also offers a very competitive price, making it an attractive and reliable alternative for European companies. Choose Apollo and benefit from high- quality technology, proven workmanship, and excellent cost-effectiveness.

#### EXCELLENT PERFORMANCE

“The switch to the Apollo HDD machine turned out to be an excellent choice. After some effort to arrange the import, we are now working with the machine with great enthusiasm. The Apollo surpasses our previous machine in power, stability and robustness. The workmanship is top-notch and the machine is easy to maintain, with inexpensive and readily available parts.

#### FUTURE PROSPECT

“I am very satisfied with the machine and the support from the factory. With Apollo’s expansion of their dealer network in Europe, I foresee a growing interest in their machines. We have now purchased a second Apollo machine and I am happy to share our positive experience with others.



“The Apollo is like a reliable car that you still can fix without a laptop. That saves time, prevents annoyance and reduces downtime!”

We have already realized significant cost savings.”

#### COST EFFECTIVE AND RELIABLE

“The price of Apollo’s machines is significantly lower than that of well-known American and German brands, while the performance is equivalent. The Apollo is reliable and simple, with no unnecessary electronic features. Maintenance is easy and saves time and money.”



## **WHAT KIND OF SUPPORT CAN I EXPECT DURING BREAKDOWNS AND MAINTENANCE?**

We ensure that all parts and wear parts for every machine sold are always in stock. Our mobile service department delivers them directly to you, or through our logistics partners. NG Quality Drilling works with its own mechanics who communicate in the working language of the operators. In Germany, we are on site within 3 to 4 hours to fix breakdowns.

## **WHAT ARE THE COSTS OF MAINTENANCE AND WEAR PARTS?**

Thanks to production in India, a low-wage country, the cost of Apollo drills and parts is significantly lower. Despite the lower cost, Apollo offers the same high quality as European suppliers.

## **WHY IS THE APOLLO DRILL MACHINE MORE ECONOMICAL THAN OTHER BRANDS?**

Low production costs in India and direct communication with the manufacturer ensure a lower price. There are no middlemen driving up the price, resulting in a competitive price for the same, or even higher, quality.

## **HOW RELIABLE IS THE APOLLO DRILL MACHINE?**

Apollo has been in business since 1967 and is a major player in the Asian market. The manufacturer has a long track record and many satisfied customers, confirming its reliability.

## **WHAT DOES A SWITCH TO APOLLO MEAN FOR MY EMPLOYEES?**

Apollo is similar to European machines. We offer comprehensive on-site guidance and training, including a manual in your own language. Our Dutch guidance ensures that your team is well informed and prepared.

## **WHAT ABOUT THE WARRANTY?**

We offer 1 year or 1,000 hours of operation warranty, comparable to other providers. Our 24/7 service department is ready to assist you, keeping downtime to a minimum.

## **ARE PARTS AVAILABLE LONG-TERM?**

Apollo has been a reliable partner for more than 55 years. You can count on parts availability both now and in the future.

## **WILL I RECEIVE SUPPORT IN MY OWN LANGUAGE?**

Our technicians speak German as well as English, and manuals are provided in the local language according to European regulations. Within Germany we support in German and English.

## **IS THE DRILL CE CERTIFIED?**

Yes, the Apollo drilling machines are fully CE certified. The machines are equipped with Caterpillar engines and meet all European environmental requirements.

## **CAN I USE MY CURRENT HDD TOOLING WITH THE APOLLO DRILL?**

Yes, the Apollo is designed to be flexible. You can use your existing tooling and accessories without any problem.

## **WHY SHOULD I SWITCH TO APOLLO IF MY CURRENT MACHINES ARE WORKING FINE?**

If your current machine is due for replacement, the Apollo offers a cost-effective alternative with higher pulling power and pumping capacity. The lower price and high quality make the Apollo an attractive choice.

## **HOW MANY MACHINES ARE CURRENTLY IN SERVICE?**

NG Quality Drilling introduced the Apollo in Europe this year. Martin Jansen of Twegron Infra GmbH is one of the first satisfied users.

## **DO I GET PRODUCT TRAINING?**

Yes, every machine comes with comprehensive on-site product training in its own language. Our service team is available 24/7 for further support.

## **WILL THERE BE AN ELECTRIC LINE OR CAN THE MACHINE BE ELECTRIFIED?**

We are working on the possibility of converting diesel machines to electric. Fully electric machines without generator support will be available in the future.

## **ARE ALL PARTS ALWAYS IN STOCK?**

We ensure that all parts are always adequately stocked at our distribution center. Thanks to direct lines to the factory and quick transport solutions, parts can be delivered quickly.

## **CAN I GET THE MACHINE IN MY OWN COLOR?**

Yes, in addition to the standard red color, the machine can be delivered in any color to match your corporate identity.

## **HOW IS MAINTENANCE ARRANGED?**

Our mobile maintenance unit is ready to support you 24/7. We schedule maintenance at times when the machine is not in use to avoid downtime.

## **DO YOU ALSO TRADE IN DRILLS WHEN PURCHASING AN APOLLO?**

Yes, we offer a good trade-in price for your old machines and often resell them to Eastern Europe, Africa or Asia.



# APOLLO A100R

WEIGHTS AND DIMENSIONS	
<b>DIMENSIONS</b> (LxWxH)	3.950 x 1.270 x 1.875 mm
<b>WEIGHT</b> (INCL. DRILL PIPES)	3.248 (3.680) kg
ENGINE	
<b>TYPE</b>	CAT® C 2.2
<b>HORSEPOWER</b>	73 Hp
BENTONITE PUMP	
<b>CAPACITY</b>	100 ltr/min
<b>PRESSURE</b>	70 bar
DRILL PIPES	
<b>LENGTH</b>	1,8 mtr
<b>OD</b>	42 mm
<b>OD TOOLJOINT</b>	48 mm
<b>WEIGHT</b>	12 kg



FEATURES	
<b>RACK AND PINION</b>	yes
<b>HYDRAULIC ANCHORING SYSTEM</b>	yes
PERFORMANCE	
<b>THRUST/PULLBACK</b>	5.000 Kg
<b>MAX SPINDLE TORQUE</b>	3.800 Nm
<b>MAX SPINDLE SPEED</b>	216 tpm



# APOLLO A200R

WEIGHTS AND DIMENSIONS	
<b>DIMENSIONS</b> (LxWxH)	5.250 x 1.575 x 2.020 mm
<b>WEIGHT</b> (INCL. DRILL PIPES)	4.940 (5.598) kg
ENGINE	
<b>TYPE</b>	CAT® C 2.2
<b>HORSEPOWER</b>	73 Hp
BENTONITE PUMP	
<b>CAPACITY</b>	100 ltr/min
<b>PRESSURE</b>	70 bar
DRILL PIPES	
<b>LENGTH</b>	3.0 mtr
<b>OD</b>	48 mm
<b>OD TOOLJOINT</b>	54 mm
<b>WEIGHT</b>	23 kg

FEATURES	
<b>RACK AND PINION</b>	yes
<b>HYDRAULIC ANCHORING SYSTEM</b>	yes
PERFORMANCE	
<b>THRUST/PULLBACK</b>	9.850 Kg
<b>MAX SPINDLE TORQUE</b>	4.900 Nm
<b>MAX SPINDLE SPEED</b>	216 tpm



# APOLLO A800R

WEIGHTS AND DIMENSIONS	
<b>DIMENSIONS</b> (LxWxH)	5.880 x 2.370 x 2.340 mm
<b>WEIGHT</b> (INCL. DRILL PIPES)	9.508 (11.208) kg
ENGINE	
<b>TYPE</b>	CAT® C 4.4
<b>HORSEPOWER</b>	173 Hp
BENTONITE PUMP	
<b>CAPACITY</b>	303 ltr/min
<b>PRESSURE</b>	70 bar
DRILL PIPES	
<b>LENGTH</b>	3,0 mtr
<b>OD</b>	60,3 mm
<b>OD TOOLJOINT</b>	66,7 mm
<b>WEIGHT</b>	34 kg

FEATURES	
<b>RACK AND PINION</b>	yes
<b>HYDRAULIC ANCHORING SYSTEM</b>	yes
PERFORMANCE	
<b>THRUST/PULLBACK</b>	20.074 Kg
<b>MAX SPINDLE TORQUE</b>	6.500 Nm
<b>MAX SPINDLE SPEED</b>	234 tpm



# APOLLO A900R

WEIGHTS AND DIMENSIONS	
<b>DIMENSIONS</b> (LxWxH)	6.180 x 2.370 x 2.450 mm
<b>WEIGHT</b> (INCL. DRILL PIPES)	11.270 (13.170) kg
ENGINE	
<b>TYPE</b>	CAT® C 7.1
<b>HORSEPOWER</b>	225 Hp
BENTONITE PUMP	
<b>CAPACITY</b>	300 ltr/min
<b>PRESSURE</b>	70 bar
DRILL PIPES	
<b>LENGTH</b>	3,0 mtr
<b>OD</b>	73 mm
<b>OD TOOLJOINT</b>	83 mm
<b>WEIGHT</b>	54 kg

FEATURES	
<b>RACK AND PINION</b>	yes
<b>HYDRAULIC ANCHORING SYSTEM</b>	yes
PERFORMANCE	
<b>THRUST/PULLBACK</b>	30.080 Kg
<b>MAX SPINDLE TORQUE</b>	7.500 Nm
<b>MAX SPINDLE SPEED</b>	197 tpm



# APOLLO A1000R

WEIGHTS AND DIMENSIONS	
<b>DIMENSIONS</b> (LxWxH)	9.930 x 2.600 x 2.650 mm
<b>WEIGHT</b> (INCL. DRILL PIPES)	19.230 (20.406) kg
ENGINE	
<b>TYPE</b>	CAT® C 7.1
<b>HORSEPOWER</b>	225 Hp
BENTONITE PUMP	
<b>CAPACITY</b>	757 ltr/min
<b>PRESSURE</b>	55 bar
DRILL PIPES	
<b>LENGTH</b>	4,5 mtr
<b>OD</b>	89 mm
<b>OD TOOLJOINT</b>	103 mm
<b>WEIGHT</b>	98 kg

FEATURES	
<b>RACK AND PINION</b>	yes
<b>HYDRAULIC ANCHORING SYSTEM</b>	-
PERFORMANCE	
<b>THRUST/PULLBACK</b>	50.400 Kg
<b>MAX SPINDLE TORQUE</b>	19.798 Nm
<b>MAX SPINDLE SPEED</b>	114 tpm



# APOLLO A1200R

WEIGHTS AND DIMENSIONS	
<b>DIMENSIONS</b> (LxWxH)	10.720 x 2.600 x 3.670 mm
<b>WEIGHT</b> (INCL. DRILL PIPES)	22.850 (24.650) kg
ENGINE	
<b>TYPE</b>	CAT® C 7.1
<b>HORSEPOWER</b>	275 Hp
BENTONITE PUMP	
<b>CAPACITY</b>	optional
<b>PRESSURE</b>	optional
DRILL PIPES	
<b>LENGTH</b>	6,0 mtr
<b>OD</b>	89 mm
<b>OD TOOLJOINT</b>	111 mm
<b>WEIGHT</b>	150 kg

FEATURES	
<b>RACK AND PINION</b>	yes
<b>HYDRAULIC ANCHORING SYSTEM</b>	-
PERFORMANCE	
<b>THRUST/PULLBACK</b>	64.800 Kg
<b>MAX SPINDLE TORQUE</b>	30.200 Nm
<b>MAX SPINDLE SPEED</b>	98 tpm

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# PRODUCT OVERVIEW

## APOLLO A1500R

### WEIGHTS AND DIMENSIONS

<b>DIMENSIONS</b> (LxWxH)	11.500 x 7.600 x 3.730 mm
<b>WEIGHT</b> (INCL. DRILL PIPES)	26.690 kg

### ENGINE

<b>TYPE</b>	CAT® C 7.1
<b>HORSEPOWER</b>	275 hp (205 kW)

### BENTONITE PUMP

<b>CAPACITY</b>	757 ltr/min
<b>PRESSURE</b>	55 bar

### DRILL PIPES

<b>LENGTH</b>	6 mtr
<b>OD</b>	114 mm
<b>OD TOOLJOINT</b>	127 mm
<b>WEIGHT</b>	180 kg

### FEATURES

<b>RACK AND PINION</b>	yes
<b>HYDRAULIC ANCHORING SYSTEM</b>	-

### PERFORMANCE

<b>THRUST/PULLBACK</b>	85.400 Kg
<b>MAX SPINDLE TORQUE</b>	32.400 Nm
<b>MAX SPINDLE SPEED</b>	94 tpm



## APOLLO A2000R

### WEIGHTS AND DIMENSIONS

<b>DIMENSIONS</b> (LxWxH)	12.930 x 2.600 x 4.105 mm
<b>WEIGHT</b> (INCL. DRILL PIPES)	33.250 kg

### BENTONITE PUMP

<b>CAPACITY</b>	-
<b>PRESSURE</b>	-

### DRILL PIPES

<b>LENGTH</b>	6.0 mtr
<b>OD</b>	114 mm
<b>OD TOOLJOINT</b>	158 mm
<b>WEIGHT</b>	200 kg

### ENGINE

<b>TYPE</b>	CAT® C 9.3
<b>HORSEPOWER</b>	402 Hp

### FEATURES

<b>RACK AND PINION</b>	yes
<b>HYDRAULIC ANCHORING SYSTEM</b>	-

### PERFORMANCE

<b>THRUST/PULLBACK</b>	120.300 Kg
<b>MAX SPINDLE TORQUE</b>	39.477 Nm
<b>MAX SPINDLE SPEED</b>	86 tpm

## APOLLO A3000R

### WEIGHTS AND DIMENSIONS

<b>DIMENSIONS</b> (LxWxH)	16.930 x 2.800 x 4.015
<b>WEIGHT</b> (INCL. DRILL PIPES)	36.250 kg

### BENTONITE PUMP

<b>CAPACITY</b>	-
<b>PRESSURE</b>	-

### DRILL PIPES

<b>LENGTH</b>	9,60 mtr
<b>OD</b>	139 mm
<b>OD TOOLJOINT</b>	190 mm
<b>WEIGHT</b>	350 kg

### ENGINE

<b>TYPE</b>	CAT® C 9.3
<b>HORSEPOWER</b>	442 Hp

### FEATURES

<b>RACK AND PINION</b>	yes
<b>HYDRAULIC ANCHORING SYSTEM</b>	-

### PERFORMANCE

<b>THRUST/PULLBACK</b>	160.300 Kg
<b>MAX SPINDLE TORQUE</b>	77.012 Nm
<b>MAX SPINDLE SPEED</b>	66 tpm



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