

# MAGNETIC DRILL

**ORION Magnetic Drill** represents a new benchmark in portable industrial performance—built for users who want power without the bulk, precision without complication, and reliability without compromise. Designed for modern workflows, this drill brings high torque capability, stable magnetic adhesion, and smooth drilling control in a compact, travel-ready body. ORION delivers efficiency that keeps operations moving, making it the smart choice for workshops, construction sites, and field maintenance.





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# MAGNETIC DRILL



**TYPE** OMN-SN-35/35K

**ORION Magnetic Drill** combines power, precision, and portability in one compact design. Engineered for professionals, it delivers high torque performance with a strong magnetic base for unmatched stability. Perfect for drilling, tapping, and core cutting on steel surfaces, ORION ensures smooth, accurate, and reliable operation. Its ergonomic build and lightweight body make it easy to handle, while durable components guarantee long-lasting industrial performance in every job.



Precise  
Drilling



High  
Torque



Durable  
Motor



Lightweight  
Body

## SPECIFICATION

Model	OMN-SN-35	OMN-SN-35K
Output Power	1100 W	1100 W
Rated Voltage	220 V	220 V
Drilling Diameter	≤16mm	≤16mm
Cutting Diameter	≤35mm	≤35mm
Max Attraction	11000 N	11000 N
Mohs Taper	19 straight handle + Extension bar	Quick connector + Post
Load Speed	520 r/min	520 r/min
Max. Travel	120+80 mm	120+80 mm
Machine Size	300 x 270 x 140mm	300 x 270 x 140mm
N.W	11 KGS	11 KGS



# MAGNETIC DRILL



**TYPE** OMN-SN-50TA

**ORION Magnetic Drill** combines power, precision, and portability in one compact design. Engineered for professionals, it delivers high torque performance with a strong magnetic base for unmatched stability. Perfect for drilling, tapping, and core cutting on steel surfaces, ORION ensures smooth, accurate, and reliable operation. Its ergonomic build and lightweight body make it easy to handle, while durable components guarantee long-lasting industrial performance in every job.



Precise  
Drilling



High  
Torque



Lightweight  
Body



Durable  
Motor



Random Accessories Picture



Optional Accessories Diagram

SPECIFICATION	
Model	OMN-SN-50TA
Output Power	1500 W
Rated Voltage	220 V
Drilling Diameter	≤16mm
Cutting Diameter	≤50mm
Tapping diameter	M6-M20
Max Attraction	11000 N
Mohs Taper	19 straight handle + Extension bar
Adjustable speed	80~600 r/min
Max. Travel	120+80 mm
Machine Size	370 x 300 x 160mm
N.W	13 KGS



# MAGNETIC DRILL



**TYPE** OMN-SN-50TB

**ORION Magnetic Drill** combines power, precision, and portability in one compact design. Engineered for professionals, it delivers high torque performance with a strong magnetic base for unmatched stability. Perfect for drilling, tapping, and core cutting on steel surfaces, ORION ensures smooth, accurate, and reliable operation. Its ergonomic build and lightweight body make it easy to handle, while durable components guarantee long-lasting industrial performance in every job.



Precise  
Drilling



High  
Torque



Lightweight  
Body



Durable  
Motor



Random Accessories Picture



Optional Accessories Diagram

SPECIFICATION	
Model	OMN-SN-50TB
Output Power	1500 W
Rated Voltage	220 V
Drilling Diameter	≤23mm
Cutting Diameter	≤50mm
Tapping diameter	M6-M20
Max Attraction	11000 N
Mohs Taper	Mo's No. 2 + Relay Pole
Adjustable speed	80~600 r/min
Max. Travel	120+80 mm
Machine Size	370 x 300 x 160mm
N.W	13 KGS



# MAGNETIC DRILL



**TYPE** OMN-SN-50C/50D

**ORION Magnetic Drill** combines power, precision, and portability in one compact design. Engineered for professionals, it delivers high torque performance with a strong magnetic base for unmatched stability. Perfect for drilling, tapping, and core cutting on steel surfaces, ORION ensures smooth, accurate, and reliable operation. Its ergonomic build and lightweight body make it easy to handle, while durable components guarantee long-lasting industrial performance in every job.

Precise Drilling

High Torque

Lightweight Body

Durable Motor



SPECIFICATION		
Model	OMN-SN-50C	OMN-SN-50D
Output Power	1500 W	1500 W
Rated Voltage	220 V	220 V
Drilling Diameter	≤16mm	≤16mm
Cutting Diameter	≤50mm	≤50mm
Max Attraction	11000 N	11000 N
Mohs Taper	19 straight handle + Extension bar	19 straight handle + Extension bar
Load Speed	450 r/min	450 r/min
Max. Travel	120+80 mm	120+80 mm
Machine Size	370 x 300 x 160mm	370 x 300 x 160mm
N.W	13KGS	13KGS



# MAGNETIC DRILL



**TYPE** OMN-SN-55/55ZD/28T-55

**ORION Magnetic Drill** combines power, precision, and portability in one compact design. Engineered for professionals, it delivers high torque performance with a strong magnetic base for unmatched stability. Perfect for drilling, tapping, and core cutting on steel surfaces, ORION ensures smooth, accurate, and reliable operation. Its ergonomic build and lightweight body make it easy to handle, while durable components guarantee long-lasting industrial performance in every job.

Precise Drilling

High Torque

Lightweight Body

Durable Motor



SPECIFICATION			
Model	OMN-SN-55	OMN-SN-55ZD (automatic Feed)	OMN-SN-28T-55
Output Power	1500 W	1500 W	1500 W
Rated Voltage	220 V	220 V	220 V
Drilling Diameter	≤16mm		≤28mm
Cutting Diameter	≤55mm	≤55mm	≤55mm
Max Attraction	14000 N	14000 N	14000N
Mohs Taper	19 straight handle + extension bar	19 straight handle	Mo's No. 3 + Transfer pole
Load Speed	400 r/min	400 r/min	
Adjustable speed			80-500 r/min
Max. Travel	195 mm	190 mm	195 mm
Machine Size	400 x 320 x 170mm	400 x 300 x 160mm	400 x 320 x 170mm
N.W	22 KGS	22 KGS	22 KGS



# MAGNETIC DRILL



**TYPE** OMN-J1C-A5-13/16

**ORION Magnetic Drill** combines power, precision, and portability in one compact design. Engineered for professionals, it delivers high torque performance with a strong magnetic base for unmatched stability. Perfect for drilling, tapping, and core cutting on steel surfaces, ORION ensures smooth, accurate, and reliable operation. Its ergonomic build and lightweight body make it easy to handle, while durable components guarantee long-lasting industrial performance in every job.



Lightweight  
Body



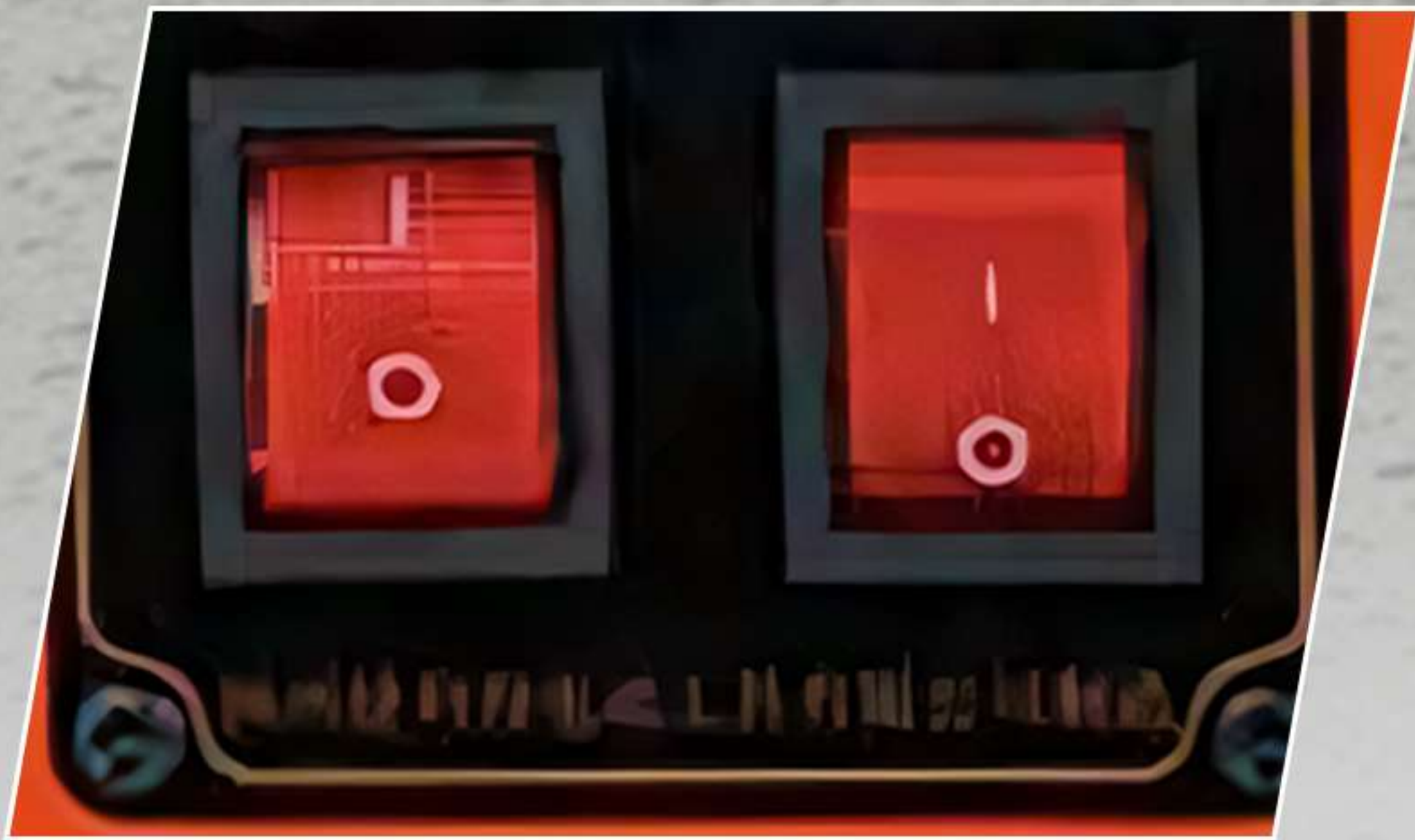
Durable  
Motor



Precise  
Drilling



High  
Torque



SPECIFICATION		
Model	OMN-J1C-A5-13	OMN-J1C-A5-16
Output Power	850 W	1000 W
Rated Voltage	220 V	220 V
Load speed	600 r/min	550 r/min
Twist Drill Diameter	≤13mm	≤16mm
Max Attraction	10500 N	10500 N
Spindle Taper	13-inch Drill Chuck	16-Inch Drill Chuck
Max. Travel	145 mm	145 mm
Machine Size	270 x 110 x 310 mm	270 x 110 x 310 mm
N.W	12 KGS	13 KGS



# MAGNETIC DRILL

**TYPE** OMN-J1C-A5-13/16 (Multifunctional)

**ORION Magnetic Drill** combines power, precision, and portability in one compact design. Engineered for professionals, it delivers high torque performance with a strong magnetic base for unmatched stability. Perfect for drilling, tapping, and core cutting on steel surfaces, ORION ensures smooth, accurate, and reliable operation. Its ergonomic build and lightweight body make it easy to handle, while durable components guarantee long-lasting industrial performance in every job.



Lightweight  
Body



Durable  
Motor



Precise  
Drilling



High  
Torque



## SPECIFICATION

Model	OMN-J1C-A5-13 (Multifunctional)	OMN-J1C-A5-16 (Multifunctional)
Output Power	850 W	1000 W
Rated Voltage	220 V	220 V
Adjustable Speed	80~600 r/min	80~550 r/min
Twist Drill Diameter	≤13mm	≤16mm
Tapping Diameter	M4-M12	M6-M14
Max Attraction	10500 N	10500 N
Spindle Taper	≤13 Inch Drill Chuck	≤16 Inch Drill Chuck
Max. Travel	145 mm	145 mm
Machine Size	270 x 110 x 310mm	270 x 110 x 310mm
N.W	12 KGS	13 KGS



# MAGNETIC DRILL



**TYPE** OMN-J1C-A8-23/A11-23/A11-28

**ORION Magnetic Drill** combines power, precision, and portability in one compact design. Engineered for professionals, it delivers high torque performance with a strong magnetic base for unmatched stability. Perfect for drilling, tapping, and core cutting on steel surfaces, ORION ensures smooth, accurate, and reliable operation. Its ergonomic build and lightweight body make it easy to handle, while durable components guarantee long-lasting industrial performance in every job.



Lightweight  
Body



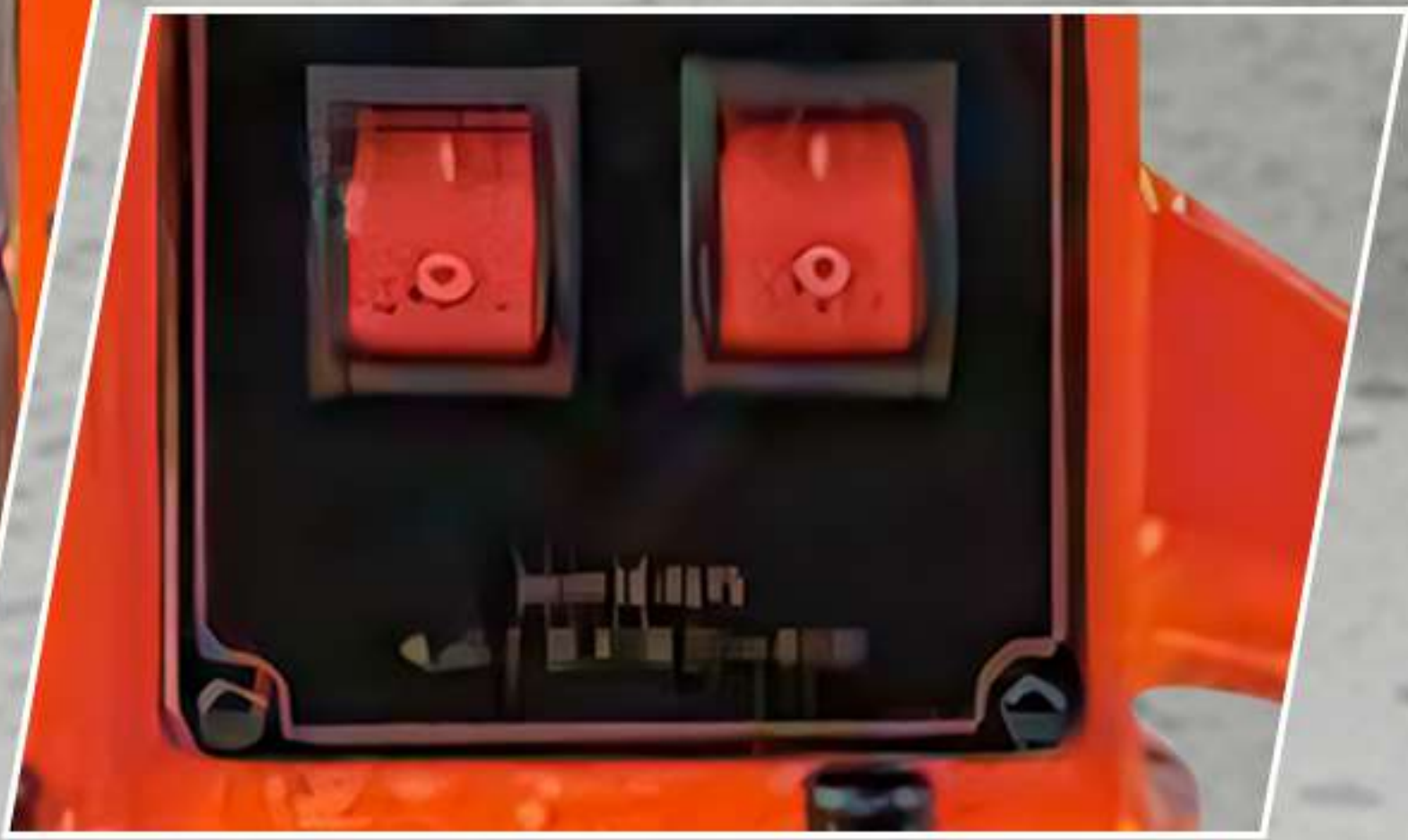
Durable  
Motor



Precise  
Drilling



High  
Torque



SPECIFICATION			
Model	OMN-J1C-A8-23 (Round Base)	OMN-J1C-A11-23	OMN-J1C-A11-28
Output Power	1300 W	1300 W	1400 W
Rated Voltage	220 V	220 V	220 V
Load Speed	330 r/min	330 r/min	300 r/min
Adjustable Speed			
Twist Drill Diameter	≤23mm	≤23mm	≤28mm
Max. Attraction	13000 N	13000 N	14000 N
Mohs Taper	Mohs No. 2	Mohs No. 2	Mohs No. 3
Max. Travel	230mm	230mm	230mm
Machine Size	330 x 150 x 410mm	330 x 150 x 410mm	330 x 150 x 410mm
N.W	24KGS	23KGS	24KGS
Rotation Angle	330°		



# MAGNETIC DRILL



**TYPE** OMN-J1C-A11-23TS/28TS

**ORION Magnetic Drill** combines power, precision, and portability in one compact design. Engineered for professionals, it delivers high torque performance with a strong magnetic base for unmatched stability. Perfect for drilling, tapping, and core cutting on steel surfaces, ORION ensures smooth, accurate, and reliable operation. Its ergonomic build and lightweight body make it easy to handle, while durable components guarantee long-lasting industrial performance in every job.



Lightweight  
Body



Durable  
Motor



Precise  
Drilling



High  
Torque



SPECIFICATION		
Model	OMN-J1C-A11-23TS	OMN-J1C-A11-28TS
Output Power	1300 W	1400W
Rated Voltage	220V	220V
Load Speed		
Adjustable Speed	80~600 r/min	80~600 r/min
Twist Drill Diameter	≤23mm	≤28mm
Max. Attraction	13000 N	14000 N
Mohs Taper	Mohs No. 2	Mohs No. 3
Max. Travel	230 mm	230 mm
Machine Size	330 x 150 x 410mm	330 x 150 x 410mm
N.W	23KGS	24KGS
Rotation Angle		



# MAGNETIC DRILL



**TYPE** OMN-J1C-230T

**ORION Magnetic Drill** combines power, precision, and portability in one compact design. Engineered for professionals, it delivers high torque performance with a strong magnetic base for unmatched stability. Perfect for drilling, tapping, and core cutting on steel surfaces, ORION ensures smooth, accurate, and reliable operation. Its ergonomic build and lightweight body make it easy to handle, while durable components guarantee long-lasting industrial performance in every job.

Precise Drilling

High Torque

Lightweight Body

Durable Motor



SPECIFICATION	
Model	OMN-J1C-230T
Output Power	1400 W
Rated Voltage	220 V
Adjustable Speed	80~600 r/min
Depth of Penetration	230 mm
Drilling Diameter	35 ~ 140 mm
Mohs Taper	Mohs No.3
Max. Travel	235 mm
Fixed Method	Chain
Net/Gross Weight	17/20 kg



# MAGNETIC DRILL



**TYPE** OMN-SN-180T

**ORION Magnetic Drill** combines power, precision, and portability in one compact design. Engineered for professionals, it delivers high torque performance with a strong magnetic base for unmatched stability. Perfect for drilling, tapping, and core cutting on steel surfaces, ORION ensures smooth, accurate, and reliable operation. Its ergonomic build and lightweight body make it easy to handle, while durable components guarantee long-lasting industrial performance in every job.

Precise Drilling

High Torque

Lightweight Body

Durable Motor



SPECIFICATION	
Model	OMN-SN-180T
Output Power	1400 W
Rated Voltage	220 V
Adjustable Speed	80~600 r/min
Depth of Penetration	180 mm
Drilling Diameter	35 ~ 100 mm
Mohs Taper	Mohs No.3
Max. Travel	185 mm
Fixed Method	Chain
Net/Gross Weight	17/20 kg



# MAGNETIC DRILL

**TYPE** OMN-J3C-A5-32/38/49

**ORION Magnetic Drill** combines power, precision, and portability in one compact design. Engineered for professionals, it delivers high torque performance with a strong magnetic base for unmatched stability. Perfect for drilling, tapping, and core cutting on steel surfaces, ORION ensures smooth, accurate, and reliable operation. Its ergonomic build and lightweight body make it easy to handle, while durable components guarantee long-lasting industrial performance in every job.



Lightweight  
Body



Precise  
Drilling



High  
Torque



Durable  
Motor



## SPECIFICATION

Model	OMN-J3C-A5-32	OMN-J3C-A5-38	OMN-J3C-A5-49
Output Power	1800 W	1900 W	2000 W
Rated Voltage	380 V	380 V	380 V
Load Speed	190 r/min	160 r/min	150 r/min
Twist Drill Diameter	≤32mm	≤38mm	≤49mm
Max Attraction	18500 N	18500 N	19500 N
Mohs Taper	Mohs No.4	Mohs No.4	Mohs No.4
Max. Travel	290 mm	290 mm	290 mm
Rotation Angle	45° left and right	45° left and right	45° left and right
Back and Forth	30 mm	30 mm	30 mm
Machine Size	550 x 240 x 560 mm	550 x 240 x 560 mm	550 x 240 x 560 mm
N.W	46 KGS	47 KGS	48 KGS
Cutting Diameter	≤75mm	≤100mm	≤100mm



# MAGNETIC DRILL



**TYPE** OMN-J3S-A11-20

**ORION Magnetic Drill** combines power, precision, and portability in one compact design. Engineered for professionals, it delivers high torque performance with a strong magnetic base for unmatched stability. Perfect for drilling, tapping, and core cutting on steel surfaces, ORION ensures smooth, accurate, and reliable operation. Its ergonomic build and lightweight body make it easy to handle, while durable components guarantee long-lasting industrial performance in every job.

Lightweight  
Body



Precise  
Drilling



High  
Torque



Durable  
Motor



SPECIFICATION	
Model	OMN-J3S-A11-20
Output Power	1400 W
Rated Voltage	380 V
Load Speed	82 r/min
Tapping Diameter	M6~M20mm
Max Attraction	14000 N
Max. Travel	230 mm
Machine Size	330 x 150 x 410 mm
N.W	29 KGS



# MAGNETIC DRILL



**TYPE** OMN-J3S-A11-30

**ORION Magnetic Drill** combines power, precision, and portability in one compact design. Engineered for professionals, it delivers high torque performance with a strong magnetic base for unmatched stability. Perfect for drilling, tapping, and core cutting on steel surfaces, ORION ensures smooth, accurate, and reliable operation. Its ergonomic build and lightweight body make it easy to handle, while durable components guarantee long-lasting industrial performance in every job.

Lightweight Body

Precise Drilling

High Torque

Durable Motor



SPECIFICATION	
Model	OMN-J3S-A11-30
Output Power	1900 W
Rated Voltage	380 V
Load Speed	70 r/min
Tapping Diameter	M16~M30mm
Max Attraction	19000 N
Max. Travel	290 mm
Machine Size	550 x 240 x 560 mm
N.W	48 KGS



# MAGNETIC DRILL



**TYPE** OMN-J1C-A5-30

**ORION Magnetic Drill** combines power, precision, and portability in one compact design. Engineered for professionals, it delivers high torque performance with a strong magnetic base for unmatched stability. Perfect for drilling, tapping, and core cutting on steel surfaces, ORION ensures smooth, accurate, and reliable operation. Its ergonomic build and lightweight body make it easy to handle, while durable components guarantee long-lasting industrial performance in every job.



SPECIFICATION	
Model	OMN-J1C-A5-30
Output Power	1000 W
Rated Voltage	220 V
Load Speed	480 r/min
Cutting Diameter	≤12-30mm
Twist Drill Diameter	≤16mm
Max Attraction	11000 N
Mohs Taper	19 Straight Pattern
Max. Travel	145 mm
Machine Size	240 x 100 x 280 mm
N.W	13 KGS
Can be equipped with an adapter (16mm drill chuck).	



# MAGNETIC DRILL



**TYPE** OMN-J1C-A11-50

**ORION Magnetic Drill** combines power, precision, and portability in one compact design. Engineered for professionals, it delivers high torque performance with a strong magnetic base for unmatched stability. Perfect for drilling, tapping, and core cutting on steel surfaces, ORION ensures smooth, accurate, and reliable operation. Its ergonomic build and lightweight body make it easy to handle, while durable components guarantee long-lasting industrial performance in every job.

Lightweight Body

Precise Drilling

High Torque

Durable Motor



SPECIFICATION	
Model	OMN-J1C-A11-50
Output Power	1400 W
Rated Voltage	220 V
Adjustable Speed	80~600 r/min
Cutting Diameter	≤12-50mm
Twist Drill Diameter	≤16mm
Max Attraction	14000 N
Mohs Taper	19 Straight Pattern
Max. Travel	230 mm
Machine Size	330 x 150 x 410 mm
N.W	27 KGS
Can be equipped with an adapter (16mm drill chuck).	



# MAGNETIC DRILL



**TYPE** OMN-J3C-A1-59/100

**ORION Magnetic Drill** combines power, precision, and portability in one compact design. Engineered for professionals, it delivers high torque performance with a strong magnetic base for unmatched stability. Perfect for drilling, tapping, and core cutting on steel surfaces, ORION ensures smooth, accurate, and reliable operation. Its ergonomic build and lightweight body make it easy to handle, while durable components guarantee long-lasting industrial performance in every job.



Lightweight Body

Precise Drilling

High Torque

Durable Motor



SPECIFICATION		
Model	OMN-J3C-A1-59	OMN-J3C-A1-100
Output Power	1900 W	1900 W
Rated Voltage	380 V	380 V
Load Speed	260 r/min	220 r/min
Cutting Diameter	≤59mm	≤100mm
Max Attraction	19000 N	19000 N
Mohs Taper	19 Straight Pattern	32 Straight Handle + 19 Extension Bar
Max. Travel	290 mm	290 mm
Rotation Angle	45° Left and Right	45° Left and Right
Back and Forth	30 mm	30 mm
Machine Size	550 x 240 x 560 mm	550 x 240 x 560 mm
N.W	47 KGS	48 KGS



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