



# AS200 Drill Stand

## For Hand-Held Drilling Motors

May. 2024

Internal & Confidential

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# Introduction

## Target group & Applications

### AS200 Introduction

The AS200 is a 202 mm tiltable drill stand with 60 mm clamping system for use with hand-held diamond core drilling motors. Its all-aluminum construction allows it to be light in weight, yet with the required rigidity demanded for diamond coring. It can tilt from 0° all the way down to 90° so that it lays flat for easy storage. There is an angle scale on the column indicating the angle of tilt. The 3-spoke crank handle also acts as a 19 mm wrench and all the operative fasteners are 19 mm head size. The guidance for the carriage is by 4 large rollers with eccentric adjustment for smooth operation with near-zero backlash. For convenience, the cradle is quick-removeable from the carriage and the clamp swings fully open, allowing the motor to be removed without the need to remove the core bit. The base uses 3 leveling screws, simplifying the leveling process and the adjusters are tool-free. There are many useful optional parts, such as the vacuum base and the water collector set. Altogether, it's a convenient and capable drill stand.



### Target Groups and Applications

This stand will be useful for professional drilling companies, construction contractors, plumbers, and anyone who needs to mount their hand-held drill motor to a drill stand. Since wet drilling is not recommended to hold by hand above about 80 mm diameter, this drill stand allows the operator to get the full potential out of his drill motor. This stand is also required for dry drilling of reinforced concrete.

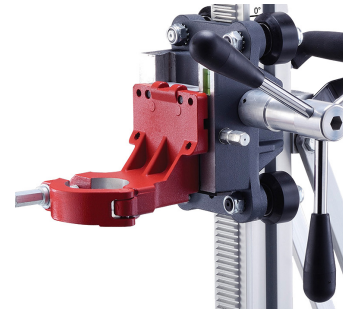


# Sales Arguments



## Tilt Capability

Tilts all the way down to flat and is supported by a pair of reinforced buttress bars. Angle is indicated on scale on column



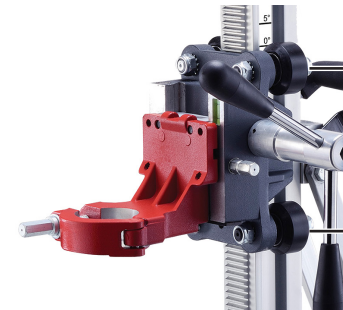
## Quick-Release Cradle with Swing-Open Clamp

The cradle mounts to the carriage by a quick release dovetail, allowing the motor to be removed for easier mounting. The clamp also swings fully open to allow the motor to be released from the cradle without removing the core bit.



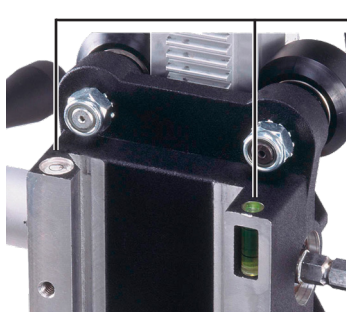
## Rigid Aluminum Base

Base provides excellent stability and the 3 adjuster design allows easier stand leveling.



## Roller Carriage

The smooth and precise roller carriage design includes eccentric adjusters for fine backlash adjustment



## Spirit Levels

Built-in vertical and horizontal spirit levels for easy and accurate stand leveling.



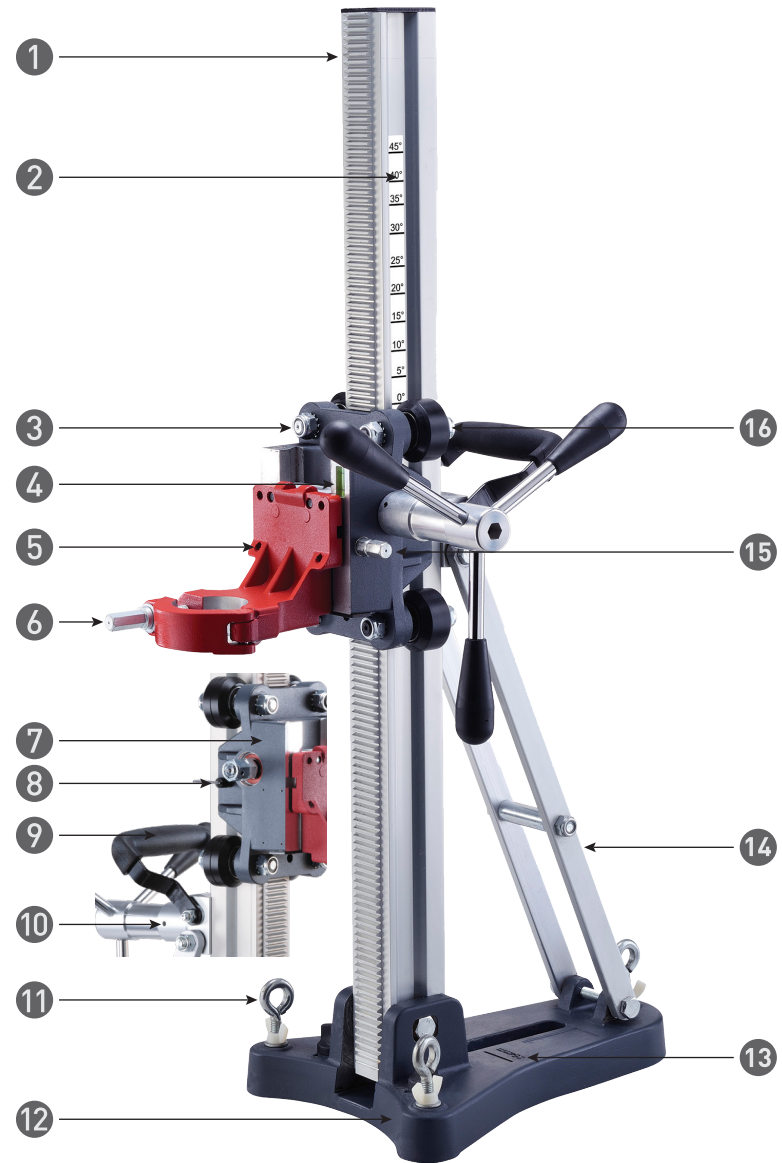
## Crank Handle

3 spoke crank handle can also be used as a wrench for all of the operative elements of the stand, such as the cradle clamp, the cradle quick-release, and the tilt angle lock.

# Technical Specifications

Model	AS200
Capacity (mm)	Ø202
Effective Stroke (mm)	590
Dimensions (LxWxH) (mm)	361 x 250 x 890
Weight (Not Including crank handle)	10.5 kg (23.1 lb)

- 1 Column
- 2 Tilt Angle Scale
- 3 Eccentric Adjuster
- 4 Spirit Levels
- 5 Cradle
- 6 Clamp Lock
- 7 Carriage
- 8 Carriage Lock
- 9 Carry Handle
- 10 Tilt Lock
- 11 Leveling Screws
- 12 Base
- 13 Distance Indicator
- 14 Buttress Bars
- 15 Cradle Release
- 16 Guidance Roller



# Offer Content

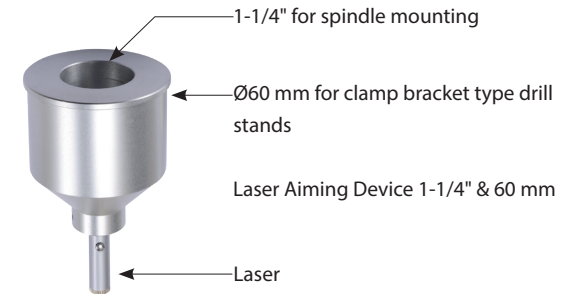
## Optional Accessory

- 1 Anchoring Plate
- 2 Fixing Kit
- 3 Laser Aiming Device 1-1/4" & 60 mm
- 4 Laser Aiming Device 1/2" BSP
- 5 AS200 Water Collector Set (includes 3 membranes)  
Size Range: 20 - 162 mm
- 6 VB400 Vacuum Plate



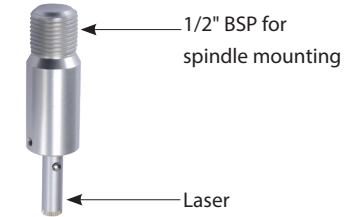
### ■ Laser Aiming Devices

Especially useful when creating accurately aligned holes through multiple walls for pipe passes.



Laser Aiming Device 1-1/4" & 60 mm

3



Laser Aiming Device 1/2" BSP

4

1 Anchoring Plate 2 Fixing Kit

5 AS200 Water Collector Set (includes 3 membranes)  
Size Range: 20 - 162 mm

Replacement membranes (5 pack)

6 VB400 Vacuum Plate



Vacuum Pump VP140



















Vacuum Hose



VP140 Vacuum Tank

# Comparison Table

Brand					
200 mm Drill Stands (mainly for hand-held motors)					
<b>Model</b>	AS200	DRU 160	L180	KS 18	BST 200
<b>Capacity Ø</b>	202 mm 	160 mm	202 mm	180 mm	200 mm
<b>Stroke</b>	590 mm (usable stroke) 	560 mm	577 mm (max. carriage run)	514 mm	570 mm
<b>Tilt Angle</b>	0°- 90° 	0°- 45°	0°- 45°	0°- 80°	0°- 45°
<b>Motor Mount</b>	quick-release, 60 mm opening collar 	non-quick release, non-opening 60mm pinch-type collar	non-quick-release, 60 mm opening collar	non-quick release, non-opening 60mm pinch-type collar	quick-release, opening 60 mm collar
<b>Carriage</b>	4 rollers (w/ eccentric adjustment) 	4 rollers (w/ eccentric adjustment)	sliding pads	sliding pads	sliding pads
<b>Buttress Bars</b>	aluminum x 2, braced	steel x 2	steel x 2	steel, telescopic x 1	aluminum x 2
<b>Feed Handle</b>	3 spoke, multipurpose, M19	4 spoke (not multipurpose)	2 spoke, multipurpose, M19	3 spoke	2 spoke (not multipurpose)
<b>Functional Fastener Size</b>	all M19 head	all M19 head	all M19 head	(not listed)	M13, M17, & inhex
<b>Base</b>	anchor type, aluminum	combination type, aluminum	anchor type, aluminum	combination type, aluminum	anchor type, steel
<b>Leveling Screws</b>	tool-free type (3) 	19 mm hex head (4)	19 mm hex head (4)	tool-free type (4)	17 mm hex head (4)

# Comparison Table

Brand



200 mm Drill Stands  
(mainly for hand-held motors)



Model	AS200	DRU 160	L180	KS 18	BST 200
Column	aluminum	aluminum	aluminum, 50 x 50 mm	steel	aluminum
Spirit Levels	2	No	2	No	Yes
Carry Handle	Yes	Yes	No	No	Yes
Vacuum Base Compatible	Yes (separate vacuum plate)	combination type base	yes (separate vacuum plate)	combination type base	yes (separate vacuum plate)
Water Collector Compatible	Yes	Yes	Yes	Yes	Yes
Aid for Accurate Positioning	254mm / 10" Mark on Base	Yes centering pointer	No	No	No
Weight	10.5 kg	10.0 kg	11.9 kg	9.5 kg	15.5 kg
Dimensions L x W x H	361 x 250 x 890 mm	400 x 200 x 866 mm	355 x 240 x 890 mm	770 mm	600 x 320 x 900 mm
Street Price, EU w/o tax (as of 2022.09)		734,39 €	476,94 €	639,00 €	844,03 €

Remarks					
		The motor mount is not quick-release and does not swing open. The bit must be removed and the collar must be unscrewed to release the motor each time, which is very inconvenient, especially on walls.	The 60 mm clamp mount version is rated for Ø202 mm. The clamp is not quick-release, but it does open fully.	The motor mount is not quick-release and does not swing open. The bit must be removed and the collar must be unscrewed to release the motor each time, which is very inconvenient, especially on walls.	The crank handle cannot be used as a wrench, and you need at least 2 separate tools for the various functions of the stand.

**Conclusion** The **AGP AS200** is specifically designed for hand-held drill motors. It uses the superior roller carriage system, rather than the sliding pad type. The carriage system is adjustable to always ensure stability and precision. The more common sliding pad system is less stable and less precise. The **AGP** uses 3-point leveling screws, making level adjustment much easier. In addition, the leveling screws are virtually tool free. The **AGP** has a carry handle for easier positioning and transporting. The **AGP** has braced buttress bars for additional stability, and can tilt all the way down to 90°, making storage easier, while most of the others can only tilt to 45°. The **AGP** is clearly the superior drill stand for hand-held motors.

# Comparison Table

Brand



200 mm Drill Stands  
(mainly for hand-held motors)



Model	AS200	DS 150	BST 162 H	B 14	DD-ST 150-U CTL
Capacity Ø	202 mm	150 mm	202 mm	200 mm	162 mm
Stroke	590 mm (usable stroke)	495 mm	(not listed)	450 mm	450 mm
Tilt Angle	0°- 90°	0°- 60°	0°- 45°	0°- 45°	0°- 45°
Motor Mount	quick-release, 60 mm opening collar	non-quick release, non-opening 60mm pinch-type collar	non-quick release, opening 60 mm collar	non-quick release, opening 60mm collar	Special Hilti Quick-Release system
Carriage	4 rollers (w/ eccentric adjustment)	4 rollers (w/ eccentric adjustment)	4 rollers (w/ eccentric adjustment)	sliding pads	8 rollers w/ 2 adjustors
Buttress Bars	aluminum x 2, braced	aluminum x 1	aluminum x 2, braced	aluminum x 2	no
Feed Handle	3 spoke, multipurpose, M19	2 spoke multipurpose	3 spoke, multipurpose, D coupler	2 spoke multipurpose	3 spoke multipurpose
Functional Fastener Size	all M19 head	all M17 head	special D couplers	M13, M17, & inhex (on board tool storage)	all 1/2" square socket head
Base	anchor type, aluminum	combination type, aluminum	combination type, aluminum	combination type, aluminum	combination type, aluminum
Leveling Screws	tool-free type (3)	17 mm hex head (4)	tool-free type (4)	17 mm hex head (4)	tool-free type (4)



# Comparison Table

Brand



200 mm Drill Stands  
(mainly for hand-held motors)



Model	AS200	DS 150	BST 162 H	B 14	DD-ST 150-U CTL
Column	aluminum	aluminum	aluminum	aluminum	aluminum
Spirit Levels	2	No	2	No	Yes
Carry Handle	Yes	Yes	Yes	Yes	Yes
Vacuum Base Compatible	yes (separate vacuum plate)	combination type base	combination type base	combination type base	combination type base w/ vacuum gauge
Water Collector Compatible	Yes	Yes	No	Yes	Yes
Aid for Accurate Positioning	254mm / 10" Mark on Base	No	center pointer	No	yes 292mm / 11.5" mark on base + centering pointer
Weight	10.5 kg	14.0 kg	10.5 kg	10.9 kg	14.5 kg
Dimensions L x W x H	361 x 250 x 890 mm	522 x 266 x 862 mm	320 x 220 x 860 mm	384 x 230 x 850 mm	470 x 246 x 953 mm
Street Price, EU w/o tax (as of 2022.09)		775,00 €	580,16 €	799,00 €	1 265,99 €
Remarks		The motor mount is not quick-release and does not swing open. The bit must be removed and the collar must be unscrewed to release the motor each time, which is very inconvenient, especially on walls.	The motor mount is not quick-release. The collar must be unscrewed to release the motor each time, which is very inconvenient, especially on walls.	The motor mount is not quick-release and does not swing open. The bit must be removed and the collar must be unscrewed to release the motor each time, which is very inconvenient, especially on walls.	There are no butress bars to support column for angle drilling. This stand only works with Hilti motors.
Conclusion	The <b>AGP</b> AS200 is specifically designed for hand-held drill motors. It uses the superior roller carriage system, rather than the sliding pad type. The carriage system is adjustable to always ensure stability and precision. The more common sliding pad system is less stable and less precise. The <b>AGP</b> uses 3-point leveling screws, making level adjustment much easier. In addition, the leveling screws are virtually tool free. The <b>AGP</b> has a carry handle for easier positioning and transporting. The <b>AGP</b> has braced butress bars for additional stability, and can tilt all the way down to 90°, making storage easier, while most of the others can only tilt to 45°. The <b>AGP</b> is clearly the superior drill stand for hand-held motors.				

# Tool Dimensions

