

Applications and Features

- Compact and light yet powerful 1,600 W machine for limited space jobs.
- Multi-position water swivel inlet for convenience.
- Right and left hand feed handle positions.
- Built-in on/off switch with motor overload protection.
- Portable Residual Current Device (P.R.C.D.) automatically shuts off electricity in the event of electric leakage. (220-240 V only)
- Two motor available: H1011 (Normal) / H1012 (for small diameter with higher rev).
- Angle drill stand (45 degree backward) as standard accessory.
- Normal Stand Column: 805 mm (31") with 558 mm(22") stroke.
Case version Stand Column: 568 mm (22") with 320mm (12") stroke.
- 40 mm (1-5/8") square column.
- Includes a water collector ring.
- Tool kit including wrenches, allen keys, and core removal wedge lasso.
- Optional spindle adaptor available.



Standard AB42 swivel base



Carry case version

Stand: TS-095(AB42)

Motor: H1011/H1012

Maximum Bit Capacity: 120 mm (4")

Specifications

Height	805 mm • 568 mm (Case)
Base Size	146 x 200 mm
Available Stroke	558 mm • 320 mm (Case)
Rated Input	1,600 W
Voltage	AC 110-120 V • 220-240 V, 50/60 Hz
Speed	1
Spindle Revolutions at No Load (rpm)	1,050 (H1011 110-120V) • 1,100 (H1011 220-240V) 1,900 (H1012 110-120V) • 2,000 (H1012 220-240V)
Spindle Revolutions at Rated Load (rpm)	760 (H1011 110-120V) • 740 (H1011 220-240V) 1,350 (H1012 110-120V) • 1,310 (H1012 220-240V)
Max. Applicable Core Bit Diameter	120 mm (H1011) • 60 mm (H1012)
Spindle Thread	G1/2" (BSPP1/2") • A-Rod
Weight excl. plug and cord	9.6 kg (21.2lbs) • 8.9 kg (19.6 lbs) (Case)

Specifications and products appearances are subject to change without prior notice.
The diamond core bit in the picture is not included in the item.

Applications and Features

- Ideal machine for small-middle size jobs.
- Multi-position water swivel inlet for convenience.
- Right and left hand feed handle positions.
- Two speed motor.
- Built-in on/off switch with motor overload protection.
- Two motor available: H1521 (Normal) / H1522 (for small diameter with higher rev).
- Portable Residual Current Device (P.R.C.D.) automatically shuts off electricity in the event of electric leakage. (220-240 V only)
- Includes a water collector ring.
- Normal Stand Column: 803 mm (31") with 545 mm (21") stroke.
AB52 Column: 1011 mm (40") with 715 mm (28") stroke.
Case Version Column: 793 mm (31") with 497 or 535 mm (20" or 21") stroke. (extension 200 mm column in use)
- 50 mm (2") square column.
- Tool kit including wrenches and allen keys.



AB52 swivel base available as option



Carry case available as option

Stand: TS-165

Motor: H1521/H1522

Maximum Bit Capacity: 180 mm (7")

Specifications

Height	803 mm • 1011 mm (AB52) • 793 mm (Case Ver.)
Base Size	146 x 205 mm
Available Stroke	545 mm • 715 mm (AB52) • 535 mm (Case Ver.) • 497 (AB52 Case Ver.)
Rated Input	1,900 W (100V) • 1,700 W (110-120V) • 2,100W (220-240V)
Voltage	AC 100V • 110-120 V • 220-240 V, 50/60 Hz
Speed	2
Spindle Revolutions at No Load (rpm)	700/1,000 (H1521 100V) • 750/1,150 (H1521 110-120V) 850/1,300 (H1521 220-240V) • 850/1,750 (H1522 220-240V)
Spindle Revolutions at Rated Load (rpm)	490/690 (H1521 100V) • 520/790 (H1521 110-120V) 470/710 (H1521 220-240V) • 470/970 (H1522 220-240V)
Max. Applicable Core Bit Diameter	180 mm
Spindle Thread	UNC 1-1/4" • A-Rod
Weight excl. plug and cord	H1521 w carriage block: 9.4 kg • TS-165(800L): 5.2 kg • TS-165(AB52)(1000L): 7.5 kg TS-165(Case Ver.): 6.8 kg • TS-165(AB52 Case Ver.): 7.3 kg

Applications and Features

- Built-in on/off switch with motor overload protection.
- Ideal machine for middle size jobs.
- Multi-position water swivel inlet for convenience.
- Right and left hand feed handle positions.
- Portable Residual Current Device (P.R.C.D.) automatically shuts off electricity in the event of electric leakage. (220-240 V only)
- Includes a water collector ring.
- Normal Stand Column: 803 mm (31") with 493 mm (19") stroke.
Long Column: 1003 mm (39") with 693 mm (27") stroke.
AB52 Column: 1011 mm (40") with 680 mm (27") stroke.
- 50 mm (2") square column.
- Tool kit including wrenches and allen keys.



AB52 swivel base available as option

Stand: TS-255

Motor: H2021

Maximum Bit Capacity: 250 mm (10") with 30 mm Spacer

Specifications

Height	803 mm • 1003 mm • 1011 mm (AB52)
Base Size	158 x 217 mm • 146 x 205 mm (AB52)
Available Stroke	493 mm • 693 mm (1003L) • 680 mm (AB52)
Rated Input	2,700 W (100V) • 2,300 W (110-120V) • 3,450 W (220-240 V)
Voltage	AC 100 V • 110-120 V • 220-240 V, 50/60 Hz
Speed	2
Spindle Revolutions at No Load (rpm)	470/1,050 (H2021 100V) • 450/950 (H2021 110-120V) 550/1,200 (H2021 220-240V)
Spindle Revolutions at Rated Load (rpm)	320/720 (H2021 100V) • 310/680 (H2021 110-120V) 300/730 (H2021 220-240V)
Max. Applicable Core Bit Diameter	250 mm
Spindle Thread	UNC 1 -1/4" • A-Rod
Weight excl. plug and cord	H2021 w carriage block: 12.2 kg • TS-255(800L): 6.6 kg • TS-255(1000L): 7.5 kg • TS-255(AB52): 7.2 kg

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Applications and Features

- Ideal machine which covers all range up to 400 mm core drilling jobs.
- Multi-position water swivel inlet for convenience.
- Right and left hand feed handle positions.
- Built-in on/off switch with motor overload protection.
- Portable Residual Current Device (P.R.C.D.) automatically shuts off electricity in the event of electric leakage. (220-240V only)
- Normal Stand Column: 1003 mm (39") with 633 mm (25") stroke.
AB61 Column: 1060 mm (41") with 655 mm (26") stroke.
- 60 mm (2-3/8") square column.
- Tool kit including wrenches and allen keys.



AB61 swivel base available as option

Stand: TS-405

Motor: H2231

Maximum Bit Capacity: 400 mm (16") with 30 mm Spacer

Specifications

Height	1003 mm • 1060 mm (AB61)
Base Size	176 x 275 mm • 186 x 250 mm (AB61)
Available Stroke	633 mm • 655 mm (AB61)
Rated Input	2,750 W (110 V) • 3,450 W (110-120 and 220-240 V)
Voltage	AC 110 V • 110-120 V • 220-240 V, 50/60 Hz
Speed	3
Spindle Revolutions at No Load (rpm)	300 / 700 / 1400 (110-120 V) • 350 / 800 / 1600 (220-240 V)
Spindle Revolutions at Rated Load (rpm)	230 / 550 / 1080 (110-120 V) • 200 / 500 / 950 (220-240 V)
Max. Applicable Core Bit Diameter	400 mm
Spindle Thread	UNC 1 -1/4" • A-Rod
Weight excl. plug and cord	H2231 w carriage block: 17.8 kg • TS-405: 14.8 kg

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