Totally enclosed, fan cooled, permanently lubricated motor. Designed for industrial applications with a continuous duty rating.

Heavy-duty construction, mounted on four swivel casters, allowing total mobility and stability.

Safety switch with key. Unit cannot be started when key is removed from the switch.

Precision aluminum spin-balanced impeller for smooth operation and minimal noise.

Reusable clear plastic collector bag for improved dust collection efficiency.

5” heavy-duty PVC hose between body of fan and collector.

Collector body mounted on 3 heavy-duty support rods.

Washable with 2 micron filter bag (not included on “CF” canister filter model).

Quick-release bag clamps with metal straps.

Intake screen prevents larger pieces from jamming in the impeller.

### Optional accessories

- 2 micron filter bag (#10-015).
- Clear plastic collector bag (#10-016).
- 4” x 2 1/2” reducer (#10-072).
- 4” x 2 1/2” reducer (#10-073).
- 4” x 2 1/2” reducer (#10-074).
- Dust hood 8 1/4” x 8 1/4” x 4” (#10-076).
- Dust hood 10 1/4” x 8 1/2” x 4” (#10-077).
- Floor sweeps (#10-078).
- Window type collector bag (#10-125).
- 4” x 50” polyethylene flexible hose (#10-130).
- 4” x 50” grey flexible hose (#10-130G).
- Remote control (#10-150R).
- 4” x 10” polyethylene flexible hose (#10-410).

### Optional accessories

- 4” blast gate (#10-080).
- Universal dust hood (#10-081).
- 4” T-fitting (#10-082).
- 4” Y-fitting (#10-083).
- 4” elbsow (#10-084).
- 4” splice (#10-085).
- 4” x 2 1/2” reducer (#10-086).
- 4” x 10” dust hood (#10-087).
- 4” cap (#10-088).
- 4” hose clamp (#10-089).
- Bag clamp (#10-092).
- Accessory kit for dust collector - 1 machine hook-up (#10-100).
#10-030CF M1 | Dust collector - 1 HP

General International

Features

Powerful 1 HP motor features sealed bearing and shaft for quiet, long-lasting operation.
Safety switch with key. Unit cannot be started when key is removed from the switch.
Precision spin-balanced impeller for smooth operation and minimal noise.
Reusable clear plastic collector bag for improved dust collection efficiency.
Collector body mounted on 3 heavy-duty supports.
Quick-release bag clamps with metal straps.
Equipped with high efficiency 1 micron canister filter.
Large 7" rubber wheels for exceptional stability and smooth mobility.

Optional accessories

Canister filter (#10-006S).
Clear plastic collector bag (#10-016).
4" x 2 1/2" reducer (#10-072).
4" x 2 1/2" reducer (#10-073).
4" x 2 1/2" reducer (#10-074).
Dust hood 8 1/4" x 8 1/4" x 4" (#10-076).
Dust hood 10 1/4" x 8 1/2" x 4" (#10-077).
Floor sweeps (#10-078).
4" blast gate (#10-080).
Universal dust hood (#10-081).
4" T-fitting (#10-082).
4" Y-fitting (#10-083).
4" elbow (#10-084).
4" splice (#10-085).
4" x 2 1/2" reducer (#10-086).
4" x 10" dust hood (#10-087).

Inlet diameter
Airflow capacity
Filter area
Sound rating
Blower wheel diameter
Static pressure
Canister filter size
Overall dimensions (l x w x h)
Motor
Weight

4" (102 mm)
506 cfm
20.33 sq ft.
80-85 dB
10" (254 mm)
6 3/4" of water
14 1/2" x 11 3/4" (370 x 300 mm)
31 1/8" x 18 7/8" x 47 5/8" (790 x 480 x 1210 mm)
1 HP
110 V, 7 A
67 lbs (31 kg)

Optional accessories

Canister filter (#10-006S).
Clear plastic collector bag (#10-016).
4" x 2 1/2" reducer (#10-072).
4" x 2 1/2" reducer (#10-073).
4" x 2 1/2" reducer (#10-074).
Dust hood 8 1/4" x 8 1/4" x 4" (#10-076).
Dust hood 10 1/4" x 8 1/2" x 4" (#10-077).
Floor sweeps (#10-078).
4" blast gate (#10-080).
Universal dust hood (#10-081).
4" T-fitting (#10-082).
4" Y-fitting (#10-083).
4" elbow (#10-084).
4" splice (#10-085).
4" x 2 1/2" reducer (#10-086).
4" x 10" dust hood (#10-087).

Powerful 1 HP motor features sealed bearing and shaft for quiet, long-lasting operation.

4" x 10" dust hood (#10-087).
4" cap (#10-088).
4" hose clamp (#10-089).
Bag clamp (#10-092).
Accessory kit for dust collector - 1 machine hook-up (#10-100).
Window type collector bag (#10-125).
4" x 50" polyethylene flexible hose (#10-130).
4" x 50" grey flexible hose (#10-130G).
Remote control (#10-150R).
4" x 10" polyethylene flexible hose (#10-410).

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**General International**

**Features**

- Totally enclosed, fan cooled, permanently lubricated motor. Designed for industrial applications with a continuous duty rating.
- Heavy-duty construction, mounted on four swivel casters, allowing total mobility and stability.
- Safety switch with key. Unit cannot be started when key is removed from the switch.
- Precision spin-balanced impeller for smooth operation and minimal noise.
- Reusable clear plastic collector bag for improved dust collection efficiency.
- 5" heavy-duty PVC hose between body of fan and collector.
- Collector body mounted on 3 heavy-duty rods.

**Optional accessories**

- 4" x 2 1/2" reducer (#10-072).
- 4" x 2 1/2" reducer (#10-073).
- 4" x 2 1/2" reducer (#10-074).
- Collector body mounted on 3 heavy-duty rods.

**Inlet diameter**

- (1) 6" (152 mm)
- (or 2) 4" (102 mm) with Y fitting inlet
- 1250 cfm
- 80 to 85 dB
- 20" (508 mm)
- 42 gallon (190.9 L)
- 9° of water
- 38" x 31 1/2" x 76" (970 x 800 x 1930 mm) - 10-105A
- 38" x 31 1/2" x 71" (768 x 525 x 1800 mm) - 10-105ACF
- 1 1/2 HP, 110/220 V, 1 Ph, 14/7 A
- 106 lbs (48 kg) - 10-105A
- 130 lbs (59 kg) - 10-105ACF

**Motor**

- Weight

**10-105ACF M1**

Same specifications but with 1 micron canister filter (#10-106) replacing filter bag & mounting hardware.

**Bag clamp (#10-093).**

**Accessory kit for dust collector**

1 machine hook-up (#10-100).

**Clear plastic collector bag (#10-120).**

**Window type collector bag (#10-125).**

- 4" x 50" polyethylene flexible hose (#10-130).

- 4" x 50" grey flexible hose (#10-130G).

- Remote control (#10-150R).

- Fire protection cage (#10-420).
**General International** | General / General International product

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### Features

Heavy-duty motor design with a continuous duty rating for industrial applications.

Equipped with totally enclosed, fan cooled, permanently lubricated motor.

Heavy-duty base, mounted on four swivel casters for total mobility and stability.

Precision spin-balanced aluminum impeller for smooth operation, minimal noise and to reduce the risk of sparking.

Equipped with 2 micron filter bag (not included on "CF" canister filter model).

Quick-release bag clamps with metal straps.

Safety switch with key, prevents unit from being started when key is removed.

Heavy-duty collection bag made from extra thick, transparent, recyclable plastic.

### Optional accessories

- 4" x 2 1/2" reducer (##10-072).
- 4" x 2 1/2" reducer (##10-073).
- 4" x 2 1/2" reducer (##10-074).
- Dust hood 8 1/4" x 8 1/4" x 4" (##10-076).
- Dust hood 10 1/4" x 8 1/2" x 4" (##10-077).
- Floor sweeps (##10-078).
- 4" blast gate (##10-080).
- Universal dust hood (##10-081).
- 4" T-fitting (##10-082).
- 4" Y-fitting (##10-083).
- 4" elbows (##10-084).
- 4" splice (##10-085).
- 4" x 2 1/2" reducer (##10-086).
- 4" x 10" dust hood (##10-087).

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### Technical Specifications

- **Inlet diameter**: (1) 6" (152 mm) / (or 2) 4" (102 mm)
- **Airflow capacity**: 1550 cfm
- **Blower wheel diameter**: 12 3/4" (323 mm)
- **Sound rating**: 80 to 90 dB
- **Bag diameter**: 20" (508 mm)
- **Bag capacity**: 42 gallon (190.9 l)
- **Static pressure (without bag)**: 11 1/4" of water
- **Overall dimensions (L x W x H)**:
  - 10-110A: 39 3/8" x 31 1/2" x 74 3/4" (1000 x 800 x 2000 mm)
  - 10-110ACF: 39 3/8" x 31 1/2" x 66 3/4" (1000 x 800 x 1746 mm)
- **Motor**:
  - Motor M1: 2 HP, 220 V, 1 Ph, 9 A
  - Motor M2: 2 HP, 600 V, 3 Ph, 2.6 A
- **Weight**:
  - 132 lbs (60 kg) - 10-110A
  - 141 lbs (64 kg) - 10-110ACF

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### Also Available:

- **10-110ACF M1**
  - Same specifications as 10-110A but with 1 micron canister filter (##10-106) replacing filter bag & mounting hardware.

- **10-110AHF M1**
  - Same specifications as 10-110A but with 0.3 micron HEPA canister filter (##10-106HF) replacing filter bag & mounting hardware.
General International

Features

Heavy-duty motor design with a continuous duty rating for industrial applications.

Equipped with a totally enclosed, fan cooled, permanently lubricated motor.

Heavy-duty base, mounted on four swivel casters for total mobility and stability.

Precision spin-balanced aluminum impeller for smooth operation, minimal noise and to reduce the risk of sparking.

Equipped with 2 micron filter bags (not included on “CF” canister filter model).

Quick-release bag clamps with metal straps.

Safety switch with key, prevents unit from being started when key is removed.

Heavy-duty collection bags made from extra thick, transparent, recyclable plastic.

Inlet Diameter
(1) 6' (152 mm) / (or 3) 4" (102 mm)

Airflow Capacity
2280 cfm

Blower Wheel Diameter
12" (305 mm)

Sound Rating
80 to 95 dB

Bag Diameter
20" (508 mm)

Bag Capacity
83 gallon (377 l)

Static Pressure
15 9/16" of water

Overall Dimensions (L x W x H)
60" x 32 5/8" x 76" (1520 x 830 x 1930 mm) - 10-210A
61" x 21 5/8" x 74 3/4" (1550 x 550 x 1900 mm) - 10-210ACF

Motor
Motor M1
M3

Weight
3 HP, 220 V, 1 Ph, 12 A
3 HP, 220 V, 1 Ph, 12 A
3 HP, 600 V, 3 Ph, 3.5 A

165 lbs (75 kg) - 10-210A
222 lbs (101 kg) - 10-210ACF

ALSO AVAILABLE:

10-210ACF M1
Same specifications but with 1 micron canister filters (#10-106) replacing filter bags & mounting hardware.

Window type collector bag
(#10-125).

4" x 50" polyethylene flexible hose (#10-130).

4" x 50" grey flexible hose
(#10-130G).

5" or 6" x 50" polyethylene flexible hose (#10-135/10-140).

Accessory kit for dust collector
2 machine hook-up (#10-200).

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Features

Forced opening line interrupter, requires machine restart in case of power failure or circuit interruption.

Adjustable spindle tension return spring.

Built-in laser pointer.

Sturdy design with cast-iron head, base, and table.

High-quality bearings for smooth, vibration-free operation.

Simple hand lever controlled mechanical variable speed from 500 to 3000 rpm.

Digital spindle speed display.

1/3 HP industrial-quality, 120 V motor.

Equipped with easy to adjust dual depth stop for complete control of both down stroke depth and upstroke travel.

5/8” chuck with key & convenient onboard chuck key holder.

Easy to use see-through flip-chuck guard included.

Crank-operated rack and pinion table height adjustment.

Optional accessories

22 piece drill set 1/16” to 3/8” (#70-020).
9” auger drill bit set (#70-105).
Chuck guard (#70-115A).
Self-centering pen drilling vise (#70-120).
Drill press tool tray (#70-125).

Swing 12” (305 mm)
Drilling capacity Chuck size 5/8” (16 mm)
Spindle travel 5/8” (16 mm)
Spindle distance to table 3 1/8” (80 mm)
Spindle distance to base 15” (380 mm)
Table size 21 7/8” (556 mm)
Column diameter Spindle speeds 9 1/2” x 9 1/2” (240 x 240 mm) 2 1/2” (65 mm)
Spindle (variable) 500 to 3000 rpm MT2
Overall height 33” (840 mm)
Base size 15” x 9 5/8” (380 x 245 mm)
Motor 1/3 HP, 120 V, 3.1 A
Weight 75 lbs (34 kg)
Rotating, 45° tilting, crank-operated worktable with quick release clamp.
Forced opening line interrupter switch, requires machine restart in case of power failure or circuit interruption.
Adjustable spindle tension return spring.
Built-in lamp illuminates the drilling area (bulbs not included).
Spindle is supported by high quality ball bearings.
Cast-iron pulleys reduce vibration.
Industrial 1/2 HP motor.
Heavy-duty positive depth stop for quick adjustment.
5/8” chuck with key.

Optional accessories

- 22 piece drill set 1/16” to 3/8” (#70-020).
- 9” auger drill bit set (#70-105).
- Chuck guard (#70-115A).
- Self-centering pen drilling vise (#70-120).
- Drill press tool tray (#70-125).
- Chuck guard (#70-155).
- Laser pointer (#70-300).
- Drill chuck with key (#75-105).
- Keyless drill chuck (#75-110).

Included accessories:

- Chuck guard (#70-115A).
- Laser pointer (#70-300).
### Features

- Adjustable spindle tension return spring.
- Built-in laser pointer.
- Sturdy design with cast-iron head, base, and table.
- High-quality bearings for smooth, vibration-free operation.
- Simple hand lever controlled mechanical variable speed from 280 to 2100 rpm.
- Digital spindle speed display.
- Industrial-quality 120 V motor.
- Chuck with key.
- Easy to use see-through flip-up chuck guard included.
- Crank-operated rack and pinion table height adjustment.

### Optional accessories

- 22 piece drill set 1/16" to 3/8" (#70-020).
- 9" auger drill bit set (#70-105).
- Chuck guard (#70-115A).
- Self-centering pen drilling vise (#70-120).
- Drill press tool tray (#70-125).
- Chuck guard (#70-155).

<table>
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<tr>
<th>Specifications</th>
<th>Values</th>
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<td>Drilling capacity</td>
<td>3/4&quot; (20 mm)</td>
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<td>Chuck size</td>
<td>5/8&quot; (16 mm)</td>
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<td>Spindle travel</td>
<td>3 1/8&quot; (80 mm)</td>
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<td>Spindle distance to table</td>
<td>29 3/8&quot; (745 mm)</td>
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<td>Spindle distance to base</td>
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<td>Table size (diameter)</td>
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<tr>
<td>Column diameter</td>
<td>2 3/4&quot; (70 mm)</td>
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<td>Spindle speeds (variable)</td>
<td>(variable) 280 to 2100 rpm</td>
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<td>Spindle</td>
<td>MT2</td>
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<tr>
<td>Overall height</td>
<td>63 3/8&quot; (1610 mm)</td>
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<tr>
<td>Base size</td>
<td>17&quot; x 10 1/2&quot; (430 x 265 mm)</td>
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<tr>
<td>Motor</td>
<td>1/2 HP, 120 V, 5 A</td>
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<tr>
<td>Weight</td>
<td>136 lbs (62 kg)</td>
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</table>
#75-510 M1 | 20" variable speed drill press

**General International** | General / General International + Metalworking product

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**Features**

- Adjustable spindle tension return spring.
- Built-in laser pointer.
- Sturdy design with cast-iron head, base, and table.
- High-quality bearings for smooth, vibration-free operation.
- Simple hand lever controlled mechanical variable speed from 280 to 2100 rpm.
- Digital spindle speed display.
- Industrial-quality 120 V motor.
- Chuck with key.
- Easy to use see-through flip-up chuck guard included.
- Crank-operated rack and pinion table height adjustment.

---

**Optional accessories**

- 22 piece drill set 1/16" to 3/8" (#70-020).
- 9" auger drill bit set (#70-105).
- Chuck guard (#70-115A).
- Self-centering pen drilling vise (#70-120).
- Drill press tool tray (#70-125).
- Chuck guard (#70-155).

---

**Specifications**

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<th>Swing</th>
<th>20&quot; (515 mm)</th>
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<tr>
<td>Drilling capacity</td>
<td>1 1/4&quot; (32 mm)</td>
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<td>Chuck size</td>
<td>3/4&quot; (20 mm)</td>
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<td>Spindle travel</td>
<td>4 3/4&quot; (120 mm)</td>
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<td>Spindle distance to table</td>
<td>27 3/4&quot; (705 mm)</td>
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<td>Spindle distance to base</td>
<td>46 7/8&quot; (1190 mm)</td>
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<tr>
<td>Table size</td>
<td>18 3/4&quot; x 16 3/4&quot; (475 x 425 mm)</td>
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<tr>
<td>Column diameter</td>
<td>3 5/8&quot; (92 mm)</td>
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<tr>
<td>Spindle speeds (variable)</td>
<td>280 to 2100 rpm</td>
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<tr>
<td>Spindle</td>
<td>MT3</td>
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<tr>
<td>Overall height</td>
<td>67&quot; (1700 mm)</td>
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<tr>
<td>Base size</td>
<td>23 5/8&quot; x 15 3/4&quot; (600 x 400 mm)</td>
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<tr>
<td>Motor</td>
<td>1 HP, 120 V, 10 A</td>
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<tr>
<td>Weight</td>
<td>284 lbs (129 kg)</td>
</tr>
</tbody>
</table>

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*Line interrupter switch.*
Features

Electronic inverter variable control adjusts spindle speed from 120 to 3200 rpm.
Front-mounted digital spindle speed display.
Adjustable spindle tension return spring.
Built-in laser pointer.
Sturdy design with cast-iron head, base, and table.
High-quality bearings for smooth, vibration-free operation.
1 HP industrial-quality, 220 V motor.
5/8" chuck with key.
Easy to use see-through flip-up chuck guard included.
Crank-operated rack and pinion table height adjustment.

Optional accessories

22 piece drill set 1/16" to 3/8" (#70-020).
9" auger drill bit set (#70-105).
Chuck guard (#70-115A).
Self-centering pen drilling vise (#70-120).
Drill press tool tray (#70-125).
Chuck guard (#70-155).
Sturdy welded steel frame & precision-balanced wheels with replaceable tires.

Easy-to-assemble open-based steel stand.

Precision blade guide bearings included.

Miter gauge with auxiliary aluminum crosscut fence included.

Quick-release blade tension for fast blade changes.

Hinged doors and easily accessible blade tension knob, for fast blade changes and adjustments.

Large stable cast-iron table with slide-out steel extension wing.

Includes goose-neck style worklight.

Smooth running durable 1/3 HP motor.

Convenient blade tracking window.

Safety lock-out switch with removable key to prevent unauthorized use.

Multi-size dust port fits 4", 3", or 2" hose.
Sturdy welded steel frame & precision balanced wheels with replaceable tires.

Easy-to-assemble open-base steel stand.

Precision easy-adjust European style blade guide bearings included.

Two cutting speeds for excellent results in either hard or soft woods.

Miter gauge with aluminum crosscut fence included.

Deluxe dual-position rip fence system.

Hinged doors and easily accessible blade tension knob, for fast blade changes and adjustments.

Extra-large 21 1/2" x 15 3/4" cast-iron table.

Smooth running heavy-duty 2/3 HP motor.

Safety lock-out switch with removable key to prevent unauthorized use.

Multi-size dust port fits 4", 3", or 2" hose.

Optional accessories

<table>
<thead>
<tr>
<th>N/A</th>
<th></th>
</tr>
</thead>
</table>

| Wheel size          | 12" (315 mm) |
| Wheel speeds (2)    | 445 & 970 rpm |
| Blade speeds (2)    | 1444 & 3150 lin. fpm |
| Blade width         | 1/8" to 3/4" (3 to 19 mm) |
| Blade length        | 88" (2240 mm) |
| Table size          | 21 1/2" x 15 3/4" (548 x 400 mm) |
| Table tilt          | 0° to 45° (right) |
| Table height        | 37 3/8" (950 mm) |
| Maximum width of cut| 12" (305 mm) |
| Maximum depth of cut| 6 1/2" (165 mm) |
| Dust outlet         | 2", 3" & 4" (51, 76 & 102 mm) |
| Base dimensions (l x w)| 18 1/4" x 15 3/4" (465 x 400 mm) |
| Motor               | 2/3 HP, 120 V, 6.4 A |
| Weight              | 165 lbs (75 kg) |
Features

Sturdy welded steel frame & precision balanced wheels with replaceable tires.
Sturdy closed base steel stand. Deluxe blade guide bearings included.
Precision metal miter gauge.
Two cutting speeds for excellent results in either hard or soft woods.
Deluxe dual-position rip fence system.
Hinged doors and easily accessible blade tension knob, for fast blade changes and adjustments.
Extra-large 21 1/2” x 15 3/4” cast-iron table.
Smooth running heavy-duty 1 HP motor.
Safety lock-out switch with removable key to prevent unauthorized use.

Wheel size 14” (350 mm)
Wheel speeds (2) 436 & 909 rpm
Blade speeds (2) 1575 & 3280 lin. fpm
Blade width 1/8” to 3/4” (3 to 19 mm)
Blade length 100 3/4” (2560 mm)
Table size 21 1/2” x 15 3/4” (548 x 400 mm)
Table tilt 0° to 45° (right)
Table height 39 3/8” (950 mm)
Maximum width of cut 13 3/8” (340 mm)
Maximum depth of cut 9” (230 mm)
Dust outlet 4” (102 mm)
Base dimensions (l x w) 22 7/8” x 17 3/8” (580 x 440 mm)
Motor 1 HP, 120 V, 9.5 A
Weight 194 lbs (88 kg)
21 inch Scroll Saw

Features
• Upper and lower blade guard assembly helps prevent accidental hand contact with the blade.
• Switch protection device to prevent unintentional start-up.
• Dust collector table kit for direct dust extraction hook-up.
• Head tilts 38° left and 45° right, tilting the blade, not the table; keeping the workpiece level for better control & more accurate cuts.
• 21” throat capacity.
• 2” cutting thickness capacity.
• Large 13-1/2” x 23-1/2” table surface.
• Quick blade changes with finger-operated blade clamps: no tools required.
• Easy-access speed and tension controls.
• Onboard dust blower.
• Organized blade storage on base.

Specifications
• Length: 32” (812 mm)
• Width: 15” (380 mm)
• Height: 15” (380 mm)
• Head tilt range: 38° (left) to 45° (right)
• Throat capacity: 21” (535 mm)
• Maximum cutting depth: 2” (51 mm)
• Speed: (variable) 400 to 1550 strokes/min
• Table surface: 13-1/2” x 23-1/2” (345 x 597 mm)
• Motor: 120 V, 1.3 A

Includes:
• EX-01 Foot switch
• Enjoy hands-free on/off control with scroll saws and other small 110V 15 amp (or less) tools.
• Variable speed

Optional Accessories:
• EX-21BS Adjustable metal stand

• Features constant “off” mode, press and hold down the switch to turn “on”, simply lift foot from switch to turn “off”.
• 6-1/2 ft. (2 m) 16 gauge power cord.

Excalibur by General International
http://www.general.ca/
phone # 514.326.1161 (Canada) 844.877.5234 (US)
16 inch Scroll Saw

**Features**
- Upper and lower blade guard assembly helps prevent accidental hand contact with the blade.
- Switch protection device to prevent unintentional start-up.
- Dust collector table kit for direct dust extraction hook-up.
- Head tilts 30° left and 45° right, tilting the blade, not the table; keeping the workpiece level for better control & more accurate cuts.
- 16” throat capacity.
- 2” cutting thickness capacity.
- Large 12" x 18-1/2" table surface.
- Quick blade changes with finger-operated blade clamps: no tools required.
- Easy-access speed and tension controls.
- Onboard dust blower.

**Specifications**
- Length: 27” (686 mm)
- Width: 15” (380 mm)
- Height: 17” (432 mm)
- Head tilt range: 30° (left) to 45° (right)
- Throat capacity: 16” (406 mm)
- Maximum cutting depth: 2” (51 mm)
- Speed: (variable) 400 to 1400 strokes/min
- Table surface: 12” x 18-1/2” (305 x 470 mm)
- Motor: 120 V, 1.3 A

**Optional Accessories**
- EX-01 Foot switch
- EX-21BS Adjustable metal stand
16” X 24” CNC CARVING MACHINE

WEEKLY PROMO

16” X 24” CNC CARVING MACHINE
— MODEL EC-617 M1 —

Excalibur by General International with FlashCut™ controller

New!

FEATURES

• New! Renowned Excalibur by General International design expertise now available in CNC technology.
• Steel stand and built-in dust collector included*.
• FlashCut™ controller** and FlashCut™ programming software included www.flashcutcnc.com
• FlashCut™ CNC is the only Windows CNC solution offering a dedicated CNC controller ensuring smooth and uninterrupted motion using 32 or 64-bit Windows 10, 8 or 7 with a USB connection on a laptop or desktop computer - includes phone and e-mail support.
• Powerful 550 watt variable frequency motor for excellent performance and low maintenance.
• Smooth and accurate ball screw transmission on all axis.
• Positional accuracy up to +/- 0.004 inches.
• Variable cutting speeds up to 118 inches per minute.
• Spindle speeds up to 24,000 rpm with automatic spindle ON/OFF control.
• Aluminum table with integrated hold down clamps.
• 1 year limited warranty.

** FlashCut™ controller options: EC-617FSB Basic or EC-617FSS Standard (with tethered remote)

SPECIFICATIONS

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
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<tbody>
<tr>
<td>X Axis Cutting Capacity</td>
<td>16” (406 mm)</td>
</tr>
<tr>
<td>Y Axis Cutting Capacity</td>
<td>24” (610 mm)</td>
</tr>
<tr>
<td>Z Axis Cutting Capacity</td>
<td>4” (102 mm)</td>
</tr>
<tr>
<td>Positional Accuracy</td>
<td>± 0.004” (± 102 mm)</td>
</tr>
<tr>
<td>Overall Dimensions (W x L x H) Machine Only</td>
<td>27-3/4” x 38-1/2” x 27-1/2” (704 x 980 x 700 mm)</td>
</tr>
<tr>
<td>Overall Dimensions (W x L x H) With Stand</td>
<td>40-1/8” x 31-1/2” x 55-1/8” (1020 x 800 x 1400 mm)</td>
</tr>
<tr>
<td>Overall Dimensions (W x L x H) With Stand &amp; Enclosure</td>
<td>32-1/4” x 43-1/4” x 56-1/4” (820 x 1100 x 1430 mm)</td>
</tr>
<tr>
<td>Spindle Speed</td>
<td>0 - 24,000 tr/min</td>
</tr>
<tr>
<td>Spindle/ Motor Type</td>
<td>550 watts / variable frequency motor</td>
</tr>
<tr>
<td>Table Surface Material</td>
<td>Aluminium</td>
</tr>
<tr>
<td>Programming Software Included</td>
<td>FlashCut™ CNC4</td>
</tr>
<tr>
<td>Cutting Speeds</td>
<td>Variable – Up to 118” per minute</td>
</tr>
<tr>
<td>Input Power Requirements</td>
<td>110/115 V – 9 A</td>
</tr>
<tr>
<td>Collets (How Many &amp; Sizes Included)</td>
<td>1 x 1/4” (6 mm)</td>
</tr>
<tr>
<td>Warranty</td>
<td>1 year – Limited</td>
</tr>
<tr>
<td>Weight (Shipping/Net)</td>
<td>308/264 lbs (140/120 kg)</td>
</tr>
</tbody>
</table>
### Excalibur CNC Spec Sheet

**EC-671 K1:** EC-617 M1+ EC-617FSB  (Basic Controller Kit)

- **Model Number:** EC-617 M1
- **Model Name:** Excalibur CNC 617 M1
- **Description:** Excalibur CNC 16"X24" Carving Machine with Flashcut Control
- **Carton Dimensions:** 1600*900*700mm(L*W*H), 63"x35.4"x27.5"
- **Carton Weight:** 65 KG, 143 LBS
- **UPC:**
- **GI Brand:** Excalibur
- **Country of Origin:** China
- **Factory Cost USD:** N/A
- **List Price USD:** N/A
- **40' Container Qty:** N/A

**EC-671 K2:** EC-617 M1+ EC-617FSS  (Standard Controller Kit)

- **Model Number:** EC-617 M1
- **Model Name:** Excalibur CNC 617 M1
- **Description:** Excalibur CNC 16"X24" Carving Machine with Flashcut Control
- **Carton Dimensions:** 1600*900*700mm(L*W*H), 63"x35.4"x27.5"
- **Carton Weight:** 65 KG, 143 LBS
- **UPC:**
- **GI Brand:** Excalibur
- **Country of Origin:** China
- **Factory Cost USD:** N/A
- **List Price USD:** N/A
- **40' Container Qty:** N/A

### Model Number: EC-617BSD

**Model Name:** Excalibur CNC 617 Stand with Dust Collection System

- **Description:** Stand for Excalibur CNC 16"X24" Carving Machine
- **Carton Dimensions:** 835*435*570mm(L*W*H), 33"x17.25"x22.5"
- **Carton Weight:** 45 KG, 99 LBS
- **UPC:**
- **GI Brand:** Excalibur
- **Country of Origin:** China
- **Factory Cost USD:** N/A
- **List Price USD:** N/A
- **40' Container Qty:** N/A

### Model Number: EC-617X

**Model Name:** Excalibur CNC 617 Safety Enclosure

- **Description:** Safety Enclosure for Excalibur CNC 16"X24" Carving Machine
- **Carton Dimensions:** 1600*835*115mm(L*W*H), 63.25"x33"x4.5"
- **Carton Weight:** 20 KG, 44 LBS
- **UPC:**
- **GI Brand:** Excalibur
- **Country of Origin:** China
- **Factory Cost USD:** N/A
- **List Price USD:** N/A
- **40' Container Qty:** N/A

### Model Number: EC-617FSB

**Model Name:** Excalibur CNC 617 Flashcut Control System (Basic)

- **Description:** Flashcut Control System (Basic) for Excalibur CNC 16"X24" Carving Machine
- **Carton Dimensions:**
- **Carton Weight:**
- **UPC:**
- **GI Brand:** Excalibur
- **Country of Origin:** USA
- **Factory Cost USD:** N/A
- **List Price USD:** N/A
- **40' Container Qty:** N/A

### Model Number: EC-617FSS

**Model Name:** Excalibur CNC 617 Flashcut Control System (Standard)

- **Description:** Flashcut Control System (Standard) for Excalibur CNC 16"X24" Carving Machine
- **Carton Dimensions:** with tethered remote control
- **Carton Weight:**
- **UPC:**
- **GI Brand:** Excalibur
- **Country of Origin:** USA
- **Factory Cost USD:** N/A
- **List Price USD:** N/A
- **40' Container Qty:** N/A
12" wood turning lathe
Variable speed

Included accessories:
Spur center (#1632SA),
live center (#2651-1),
Knock out bar (#2644),
4" (#165) & 12" (#166)
tool rest, 3" diameter
face plate (#1637),
tool rest carriage
(#264SA).

Specifications

<table>
<thead>
<tr>
<th>Feature</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Specifications</strong></td>
<td></td>
</tr>
<tr>
<td>SWING-OVER BED CAPACITY</td>
<td>18&quot; (457 mm)</td>
</tr>
<tr>
<td>SWING-OVER GAP CAPACITY</td>
<td>21&quot; (533 mm)</td>
</tr>
<tr>
<td>MAXIMUM DISTANCE BETWEEN CENTERS</td>
<td>38&quot; (965 mm)</td>
</tr>
<tr>
<td>FLOOR TO SPINDLE CENTER</td>
<td>41&quot; (1041 mm)</td>
</tr>
<tr>
<td>NOSE-INBOARD &amp; NOSE-OUTBOARD</td>
<td>(right-hand threads or left-hand threads)</td>
</tr>
<tr>
<td>SPINDLE BORE</td>
<td>⅝&quot; (16 mm)</td>
</tr>
<tr>
<td>HEADSTOCK &amp; TAILSTOCK TAPER</td>
<td>MT #2</td>
</tr>
<tr>
<td>TAILSTOCK SPINDLE TRAVEL</td>
<td>2&quot; (50.8 mm)</td>
</tr>
<tr>
<td>SPINDLE SPEEDS</td>
<td>(variable) 500 to 3000 rpm -</td>
</tr>
<tr>
<td>MOTOR</td>
<td>M1 1 HP, 115 V, 1 Ph, 12.8 A</td>
</tr>
</tbody>
</table>

Features

- High quality ribbed cast-iron headstock, tailstock, and bed.
- Precision-machined bed guideways allow the tailstock and tool rest to slide smoothly.
- Precision-machined, high quality steel spindle, mounted on sealed, permanently lubricated bearings.
- Equipped with plunger-type pin indexing mechanism for reeding and fluting.
- Spindle nose is threaded ⅝" at both ends and bored for a "Morse No.2" taper.
- Removable headstock cover for access to the spindle and indexing mechanism.
- Powerful North American designed, totally enclosed, fan cooled industrial motor.
- Push-button switch on single-phase units and a magnetic safety switch on all 3-phase units.
- Increase or decrease speed without stopping the machine using the front mounted control lever.

Note Specifications are Preliminary
**Included accessories:**
- Spur center (#1632SA),
- live center (#2651-1),
- Knock out bar (#2644),
- 4" (#165) & 12" (#166)
- tool rest, 3" (#2637) & 6" (#2638) diameter face plate, tool rest carriage (#2614), gap filter block for bed (#2645).

**Features**
- High quality ribbed cast-iron headstock, tailstock, and bed.
- Precision-machined bed guideways allow the tailstock and tool rest to slide smoothly.
- Hinged headstock cover features a convenient speed ratio table.
- Tailstock is equipped with an eccentric quick locking lever system.
- High quality steel base including a one-piece cabinet with shelving.
- Powerful North American designed, totally enclosed, fan cooled industrial motor.
- Equipped with a push-button "on/off" switch and a magnetic safety switch.

**Specifications**

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>SWING-OVER BED CAPACITY</td>
<td>12&quot; (457 mm)</td>
</tr>
<tr>
<td>SWING-OVER GAP CAPACITY</td>
<td>24 1/2&quot; (622 mm)</td>
</tr>
<tr>
<td>MAXIMUM DISTANCE BETWEEN CENTERS</td>
<td>38&quot; (955 mm)</td>
</tr>
<tr>
<td>FLOOR TO SPINDLE CENTER</td>
<td>45&quot; (1143 mm)</td>
</tr>
<tr>
<td>NOSE-INBOARD (right-hand threads)</td>
<td>1 1/2&quot; (32 mm) - 8 tpi</td>
</tr>
<tr>
<td>NOSE-OUTBOARD (left-hand threads)</td>
<td>1 1/2&quot; (32 mm) - 8 tpi</td>
</tr>
<tr>
<td>SPINDLE BORE</td>
<td>5/8&quot; (16 mm)</td>
</tr>
<tr>
<td>HEADSTOCK &amp; TAILSTOCK TAPER</td>
<td>MT #2</td>
</tr>
<tr>
<td>TAILSTOCK SPINDLE TRAVEL</td>
<td>2&quot; (50.8 mm)</td>
</tr>
<tr>
<td>SPINDLE SPEEDS (variable)</td>
<td>375 to 3300 rpm - 26020-1</td>
</tr>
<tr>
<td>MOTOR</td>
<td>M1 2 HP, 230 V, 1 Ph, 8.3</td>
</tr>
<tr>
<td>WEIGHT</td>
<td>584 lbs (265 kg)</td>
</tr>
</tbody>
</table>

*Note Specifications are Preliminary*
#50-025 | Universal mobile base

- 2 heavy-duty 3" wheels.
- 2 heavy-duty 2 1/2" casters.
- 2 rubber levelling feet.
- Adjustment in 1" increments.
- Load capacity: 500 lbs (227 kg).

| Minimum square size | 11" x 11" (279 x 279 mm) |
| Maximum square size | 35 1/4" x 35 1/4" (894 x 894 mm) |
| Minimum rectangular size | 17" x 11" (434 x 279 mm) |
| Maximum rectangular size | 51" x 19" (1295 x 483 mm) |

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Quick release combination riving style splitter and blade guard with anti-kickback pawls and a second European style riving knife also included.

Specifications

<table>
<thead>
<tr>
<th>Feature</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>BLADE DIAMETER</strong></td>
<td>10&quot; (254 mm)</td>
</tr>
<tr>
<td><strong>ARBOR DIAMETER</strong></td>
<td>⅝&quot; (16 mm)</td>
</tr>
<tr>
<td><strong>ARBOR TILTING RANGE</strong></td>
<td>0° to 45°</td>
</tr>
<tr>
<td><strong>ARBOR SPEED</strong></td>
<td>4000 rpm</td>
</tr>
<tr>
<td><strong>MAXIMUM DEPTH OF CUT AT 90°</strong></td>
<td>3 ⅛&quot; (79 mm)</td>
</tr>
<tr>
<td><strong>MAXIMUM DEPTH OF CUT AT 45°</strong></td>
<td>2 ⅝&quot; (54 mm)</td>
</tr>
<tr>
<td><strong>MAXIMUM RIP TO LEFT OF BLADE</strong></td>
<td>12&quot; (305 mm)</td>
</tr>
<tr>
<td><strong>MAXIMUM RIP TO RIGHT OF BLADE</strong></td>
<td>50&quot; (1270 mm)</td>
</tr>
<tr>
<td><strong>MAXIMUM DADO WIDTH</strong></td>
<td>¾&quot; (21 mm)</td>
</tr>
<tr>
<td><strong>DISTANCE AHEAD OF BLADE</strong></td>
<td>12 ⅛&quot; (324 mm)</td>
</tr>
<tr>
<td><strong>TABLE SIZE</strong></td>
<td>28&quot; x 36&quot; (711 x 914 mm)</td>
</tr>
<tr>
<td><strong>TABLE HEIGHT</strong></td>
<td>34&quot; (864 mm)</td>
</tr>
<tr>
<td><strong>SIZE OF T-SLOTS</strong></td>
<td>¾&quot; x ⅝&quot; (19 x 19 mm)</td>
</tr>
<tr>
<td><strong>MOTOR</strong></td>
<td>M1 3 HP 115 v</td>
</tr>
</tbody>
</table>

Weight (shipping/net):
539 lbs (245 kg) / 495 lbs (225 kg)
8” deluxe jointer
extra long tables

One-piece, top-quality machined steel cutter head, mounted on 2 sealed, permanently lubricated bearings. Knives are secured by a knife-locking bar and locking screws.

Features

High quality, precision machined and polished, cast-iron tables, heavily ribbed to prevent warping.
Quick-adjust, heavy-duty cast-iron, guide fence, tilts to 45° left or right.
Equipped with a high quality magnetic starter and an easy access On/Off switch mounted on a post directly above the infeed table.
Precision-machined and polished, high quality, heavy-duty, ribbed cast-iron frame.
Adjustment screws make knife alignment quick and easy.
The tables are secured to the frame on adjustable gibs making adjustments easy.
Precision-machined rabbeting ledge in the outfeed table.
Powerful North American designed, totally enclosed, fan cooled industrial motor with a dynamically balanced cast-iron pulley and V-belt driven cutter head.
One-piece, cold formed, welded steel cabinet.
Built-in 4" dust collection outlet.
Large hinged door provides access for belt tension adjustment and maintenance.

Specifications

TABLE SIZE
9" x 74" (229 x 1880 mm)
TABLE HEIGHT
33" (838 mm)
MAXIMUM WIDTH OF CUT
8" (203 mm)
MAXIMUM DEPTH OF CUT
\( \frac{1}{2} " \) (13 mm)
RABBETING CAPACITY
\( \frac{1}{2} " \) x 8" (13 x 203 mm)
FENCE SIZE
4" x 38" (102 x 967 mm)
CUTTER HEAD DIAMETER
3 ¼" (83 mm)
CUTTER HEAD SPEED
4500 rpm
NUMBER OF KNIVES
3 - 480-1
helical - 480-1-HC
CUTS PER MINUTE
13,500
BASE DIMENSIONS (l x w)
24 ¾" x 15 ½" (629 x 394 mm)
MOTOR
M2 1 ½ HP, 230 V, 1 Ph, 8 A
M2HC* 2 HP, 230 V, 1 Ph, 8 A
M3 1 ½ HP, 230 V, 3 Ph, 4.2 A
M3HC* 2 HP, 230 V, 3 Ph, 4.2 A
M4 1 ½ HP, 208 V, 3 Ph, 4.2 A
M4HC* 2 HP, 208 V, 3 Ph, 4.2 A
M5 1 ½ HP, 600 V, 3 Ph, 1.7 A
M5HC* 2 HP, 600 V, 3 Ph, 1.7 A
M23HC* 3 HP, 230 V, 1 Ph
WEIGHT
440 lbs (200 kg)
*HC: with helical cutter head

Note Specifications are Preliminary
Note Specifications are Preliminary

12" RESAW CAPACITY
(MODEL 690-1)

DOUBLE TRUNNIION SYSTEM
BALANCED CAST WHEELS
BLADE TENSION SCALE

a Cast-iron double trunnion system ensures stability and makes tilting the table simple and easy. A graduated scale on the front trunnion shows table tilt 45° to the right and 10° to the left with a positive stop at 90°.
b Precision-machined, dynamically balanced, rubber laminated, cast-iron wheels for smooth, vibration-free operation.
c Graduated indicator shows the correct blade tension required for different blade widths. A spring-loaded mechanism makes tension adjustments easy.

High quality, precision-machined, one-piece cast-iron frame.
16 gauge stamped steel doors.
Heavily-ribbed, high quality, solid cast-iron table polished to perfection with a 3/8" x 3/4" (9.5 x 19 mm) miter gauge T-slot.
Built-in 2 1/2" dust collection outlet.
Hardened steel upper blade guide, mounted on a steel arm with sealed ball-bearings for extra support.
Quick, easy, upper and lower wheel parallel alignment using a block and groove mechanism adjusted by a handle at the back of the machine.

Powerful North American designed, totally enclosed, fan cooled motor with a dynamically balanced cast-iron pulley.
One-piece, high quality, welded steel cabinet for maximum strength and stability.

### OPTIONAL BLADES

<table>
<thead>
<tr>
<th>ITEM</th>
<th>DESCRIPTION</th>
<th>THICKNESS / LENGTH</th>
</tr>
</thead>
<tbody>
<tr>
<td>#90490-B14</td>
<td>1/4&quot; - 6 TPI</td>
<td>0.65 mm / 0&quot; (2540 mm)</td>
</tr>
<tr>
<td>#90490-B38</td>
<td>3/8&quot; - 6 TPI</td>
<td>0.65 mm / 0&quot; (2540 mm)</td>
</tr>
<tr>
<td>#90490-B12</td>
<td>1/2&quot; - 4 TPI</td>
<td>0.65 mm / 0&quot; (2540 mm)</td>
</tr>
<tr>
<td>#90490-B34</td>
<td>3/4&quot; - 6 TPI</td>
<td>0.65 mm / 0&quot; (2540 mm)</td>
</tr>
</tbody>
</table>

### MODEL 490-1

<table>
<thead>
<tr>
<th>CHARACTERISTIC</th>
<th>VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>WHEEL DIAMETER</td>
<td>15&quot; (381 mm)</td>
</tr>
<tr>
<td>WHEEL SPEED</td>
<td>750 RPM</td>
</tr>
<tr>
<td>BLADE SPEED</td>
<td>3000 FPM (914 MPM)</td>
</tr>
<tr>
<td>MAXIMUM WIDTH OF CUT</td>
<td>14 3/4&quot; (374.6 mm)</td>
</tr>
<tr>
<td>MAXIMUM DEPTH OF CUT</td>
<td>6 3/4&quot; (171.4 mm)</td>
</tr>
<tr>
<td>MIN. / MAX. BLADE WIDTH</td>
<td>1/8&quot; TO 3/4&quot; (3 TO 19 mm)</td>
</tr>
<tr>
<td>BLADE LENGTH</td>
<td>100&quot; (2540 mm)</td>
</tr>
<tr>
<td>TABLE SIZE</td>
<td>15&quot; x 15&quot; (381 x 381 mm)</td>
</tr>
<tr>
<td>TABLE TILT</td>
<td>0° TO 45° (RIGHT) / 0° TO 10° (LEFT)</td>
</tr>
<tr>
<td>TABLE HEIGHT</td>
<td>42&quot; (1066.8 mm)</td>
</tr>
<tr>
<td>MOTOR</td>
<td>M1 1 HP, 115 V, 1 Ph, 12.8 A</td>
</tr>
</tbody>
</table>

WEIGHT
310 LBS (141 kg)