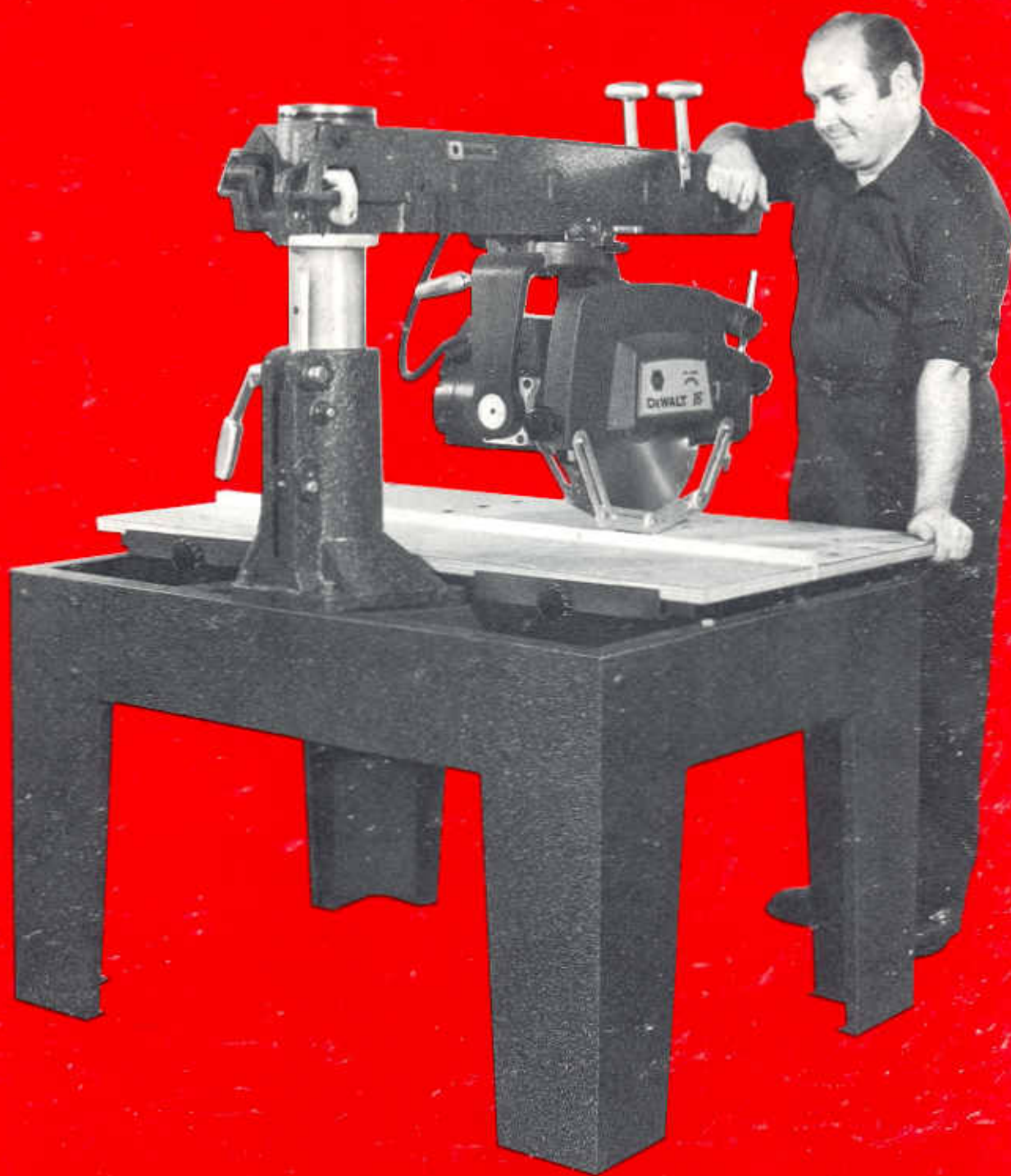

START UP A DeWALT SIXTEEN

THE SMOOTHEST RUNNING, MOST RUGGED
16" RADIAL ARM SAWS OF ALL AND
THE GREATEST VALUE FOR YOUR MONEY.
4 SUPER DUTY MODELS.



THE DEWALT SUPER DUTY SIXTEENS

Models 3551, 3556, 3571, 3576

Miles of smiles...that's what the DeWalt Super Duties give you. Give 'em the toughest jobs, work 'em the longest hours and you'll get production that's consistently accurate.

They're the tried-and-true favorites of the most demanding operators in the world: residential and non-residential contractors, lumber yards, industrial plants, woodworking shops and they are also used in vocational schools.

They're outstandingly versatile saws that do the jobs of a whole shopful of special-purpose saws and shapers.

The superior performance of the Super Duties is based on famous DeWalt durability and innovation. All these Super-Duty saws provide automatic electro-mechanical brakes and lower blade guards as standard equipment.

The roller head rides smoothly inside the radial arm on 8 permanently lubricated ball bearings. The arm rotates 360°, locking securely at any angle for accurate mitering.

Zero play latches and improved clamping give bevel controls fast settings at 0°, 45°, and 90°. Precise mechanical alignment adjustments assure long life and repeatable accuracy, cut after cut.

The yoke swivels 360° and automatically locates in in-rip, out-rip and crosscut positions. The totally enclosed DeWalt motor is direct drive, fan cooled and has increased burnout resistance.

Electrical controls include magnetic starter with 3-leg overload protection and 110 volts at operator's switch.

Specifications

| Model | Blade Size | Cont. H.P. | Voltage* | Phase | Cycle | Brake | Arm |
|-------|------------|------------|----------|-------|-------|-------|-----|
| 3551 | 16" | 5 | 230 | 1 | 60 | Yes | 44" |
| 3556 | 16" | 5 | 230 | 1 | 60 | Yes | 52" |
| 3571 | 16" | 7½ | 230/460 | 3 | 50/60 | Yes | 44" |
| 3576 | 16" | 7½ | 230/460 | 3 | 50/60 | Yes | 52" |

NOTE: All motors are equipped with automatic electro-mechanical brakes.

All 3 phase models feature 3-leg overload protection.

*Motors will operate at plus or minus 10% of rated voltage.

Please specify Arm Size and Voltage when ordering. The above 3 phase motors are factory connected for 230V operation. For 460V operation, a simple reconnection is required. Contact your local Black & Decker/DeWalt Service Center for instruction and the proper thermals. Consult your DeWalt distributor for availability of any other voltages required.

Standard Equipment

Totally enclosed fan cooled continuous duty motor. Automatic motor brake. 16" combination blade plus saw guard with anti-kickback attachment. Lower blade guard. Electrical controls are of the magnetic type with low voltage at the operator's switch. "No-voltage" protection is provided. 3-phase models feature 3-leg overload protection. Heavy gauge steel table and legs. 1" thick warp-resistant Hardply® table top. Corrosion-resistant column with column clamp. Arbor nut, collars and wrenches. Instruction, maintenance and parts manual.

24 volts at push button station

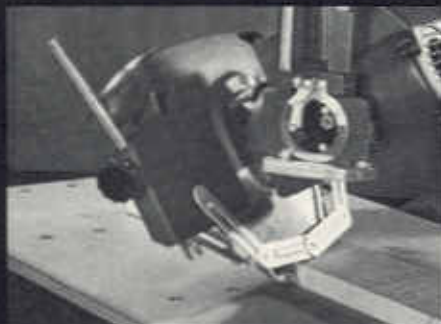


CAPABILITIES

Virtually any type of cut is possible with a DeWalt Radial Arm Saw as illustrated here. This versatility permits dadoing, shaping, rabbeting, notching and tenoning as well as the cuts shown.



CROSSCUTTING. Crosscuts up to 32" (Super Duty-52" arm). To a depth of 4 $\frac{3}{8}$ " with lower blade guard.



COMPOUND MITER. It's easy with the DeWalt Sixteens and you can depend on their consistent repeatable accuracy.



BEVEL RIPPING. Simple as a rip cut with these great DeWalts and the bevel locating latches.



PLOUGHING. With optional Dado heads you can plough the full length of your stock with complete accuracy.



BEVEL CUTTING. Bevel cuts at any angle. Positive latches automatically position at 0°, 45° and 90°



MITERING. Righthand miter up to 21 $\frac{5}{8}$ " wide. Miter locating latches at 0°, 45°R, 45°L for quick settings.



RIPPING. Up to 48 $\frac{3}{4}$ " with Super Duty Sixteens.

SPECIFICATIONS

Motor Rating: Continuous Duty
Recommended Duty Cycle: Heavy
Motor Enclosures: Totally enclosed fan cooled
Motor Speed (full load): 3425 RPM
Arbor: 1" dia. x 3 $\frac{1}{8}$ " long
Brake: Automatic
Switch: 110V magnetic
Roller Head: 8 ball bearing
Saw Blade: T-2002, 16" combination

CAPACITIES

Maximum Out Rip: 44" arm-40 $\frac{1}{2}$ "
 52" arm-48 $\frac{1}{2}$ "

Maximum Cross Cut
 (1" stock): 44" arm-24"
 52" arm-32"

Maximum Miter
 (45° R1" stock): 44" arm-16" wide,
 52" arm-21 $\frac{5}{8}$ " wide

Dado Capacity
 (Standard guard): 12" dia. x 1 $\frac{1}{2}$ " wide

Maximum Depth of Cut 90° (with 16" blade)
 without lower blade guard: 5"
 with lower blade guard (OSHA required): 4 $\frac{3}{8}$ "
 45° with lower guard: 2"

Bevel Locating Latches: 0°, 45°, 90°
Miter Locating Latches: 0°, 45°R, 45°L

Machine Overall Dimensions

Height: 73 $\frac{1}{2}$ "
Width: 50"
Depth (end of arm to rear of table frame): 44" arm-49 $\frac{1}{8}$ "
 52" arm-57 $\frac{1}{8}$ "

Steel Table Frame Size: 36" x 48" x 8"

Table Top Size: 30 $\frac{1}{16}$ " x 50" x 1"

Work Table Height: 32"

Column Diameter: 4.7"

Shipping Weight: 44" arm-822 lbs.
 52" arm-860 lbs.

ACCESSORIES

ATTACHMENTS

35022 16" Guard Kit (link-type). Includes upper guard, anti-kickback device and lower blade guard. For use with 16" saw blades on all 16" Super Duty models.

35020 20" Guard Kit (link-type). Includes upper guard, anti-kickback device and lower blade for use with 20" saw blades. (For Super Duty, 18" and GE)



T-1753 Splitter and Anti-Kickback Device for 16" and 18" guard.



35003 Adjustable Roller Head Stop (to limit travel of roller head).



TABLETOP EXTENSIONS

40499 Table top extension for Models 3551 thru 3576.

T-1759 Table top extension for Models T-1831 thru T-1874.

CONTINUED ON BACK PAGE

ACCESSORIES CONTINUED FROM INSIDE



AUTOMATIC RETURN DEVICE

40020 Automatic Return Device—returns saw carriage to rear position. All Super Duty models.
T-1746 Automatic Return Device—For former Models T-1831 thru T-1874.

35018 Automatic Return Device—For use with Models 3573, 3574, 3578 plus all 14" and GE models.

MANUAL CHAIN FEED

Provides full control for heavy production work. For heavy sawing, daddoing, and rafter-notching. For Super Duty models only.

40021 Chain Feed for 44" Arm Machines.

40022 Chain Feed for 52" Arm Machines.



POWER RIP FEED

Adaptable to all 16" machines. Has variable speed control motor with speeds from 25-85 feet per minute, adjustable depth regulator, steel sprocket in-feed wheel and rubber take-off wheel.

T-1736 Power Rip Feed with 115 volt, 1/2 HP, 1725 RPM motor.

DYNAMIC POWER BRAKE (for Heavy Duty 14" and 16", plus GE models)

Stops saw blade in seconds. Operates from push-button station. Replaces standard starter.

T-201478-05 Power Brake for 3HP, 5HP and 7 1/2 HP, 3 phase, 230 volts, 50/60 cycles. Can also be used on 3HP, 1 phase, 230 volts, 50/60 cycle.

T-201478-06 Power Brake for 3HP, 5HP, 7 1/2 HP and 10HP, 460 volts, 3 phase, 50/60 cycle.



ELECTRONIC POWER CROSSFEED (for Super Duty models only)

The optional electronic power crossfeed provides the optimum feed rate for the material being cut, and assures uniform cuts and maximum utilization of the saw blade for efficient cutting.

Other components of the power crossfeed are the drive motor, the limit switch and the positive locking adjustable stops. The latter two devices limit blade stroke to any desired length.



The control panel provides total operator control. Conveniently located on the front end of the radial arm, it permits effortless regulation and adjustment of the crossfeed cutting rates.



Heart of the power crossfeed is the electronic control module containing solid state, full wave impact-proof circuitry for infinitely variable feed rates and steady cutting action.

The electronic power crossfeed converts the standard saw from manual feed to automatic feed. It is designed to produce the best possible results of blade economy, maximum cutting speed and improvements in finish. The crossfeed assures more consistent operator performance and eliminates operator fatigue factors.

40005 For Models 3551, 3561, & 3571 (44" Arm), also order 40021 Manual Chain Feed.

For Models 3556, 3566 & 3576 (52" Arm), also order 40022 Manual Chain Feed, plus 35008 Long Arm Cam Track.

POWER CROSSFEED SPECIFICATIONS:

CAT. NO. 40005

FEED RATES 0-40 ft./min.

CROSSCUT TRAVEL adjustable

DRIVE MOTOR enclosed and sealed

VOLTS 120

CYCLES 50/60

SHIPPING WEIGHT 100 lbs.

35008 Long Arm Cam Track

POWER CROSSFEED GUARANTEE

The solid state, impact-resistant, completely reliable electronic control unit of the power crossfeed is backed by a no-nonsense guarantee which is summarized as follows:

Should the electronic control unit, Part No. 72287, fail for any reason whatever within a period of one year from the date of purchase, Black & Decker/DeWalt will repair the unit and restore it to operating condition at no charge. We assume no responsibility for damage caused by misuse, careless handling or where repairs have been made or attempted by others. No other guarantee, written or verbal, is authorized by us.

A complete statement of the Warranty is contained in the Operator's Manual for the power crossfeed.



SUPPORT COLLARS

T-2214 6" Steel Support Collars—set of two.

Radial Arm Saw Blades (1" arbor hole)

| Cat. No. | Size | Type | No. of Teeth | Thickness (Gauge) | Quality |
|----------|------|--------------------------|--------------|-------------------|----------|
| T-2204 | 12" | Planer, Hollow Ground | 90 | 12 | Premium |
| T-2001 | 14" | Combination, Flat Ground | 66 | 13 | Premium |
| T-2006 | 14" | Combination, Flat Ground | 90 | 13 | Standard |
| T-2302 | 14" | Rip, Flat Ground | 32 | 13 | Premium |
| T-2002 | 16" | Combination, Flat Ground | 72 | 13 | Premium |
| 35019 | 16" | Combination, Flat Ground | 32 | 13 | Premium |
| T-2007 | 16" | Combination, Flat Ground | 100 | 13 | Standard |
| T-2206 | 16" | Planer, Hollow Ground | 110 | 11 | Premium |
| T-2303 | 16" | Rip, Flat Ground | 32 | 13 | Premium |

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 212 NORTH 11th STREET
 PHILA., PENNA. 19107
 SALES (215) 922-7034
 PARTS (215) 426-5959



ROLLER EXTENSION TABLE AND ACCESSORIES

40030 Roller Extension Table, 20" wide x 6' long. Includes eight rollers. Uses T-1735 Support Legs.

T-1735 Adjustable Support Legs for roller extension table.

T-1743 Cut-off Gauge, 8 feet, left to right. Includes one automatic adjustable stop.

T-1744 Cut-off Gauge, 8 feet, right to left. Includes one automatic adjustable stop.

T-1745 Automatic Adjustable Stop.



DADO SETS

For dadoing, grooving, rabbeting, mortising, and tenoning; consisting of two each 1/2" outside blades, two 1/8" inside chippers, one 1/4" inside chipper, and 1/16" inside chipper.

HOLLOW GROUND DADO SETS

T-2851 10" dia. x 1 1/4" wide x 1" arbor hole.

T-2852 12" dia. x 1 1/4" wide x 1" arbor hole.

INSIDE CHIPPERS FOR DADO SETS

T-2814 Chipper, 10" dia. x 1/8" thick x 1" arbor hole.

T-2815 Chipper, 10" dia. x 1/8" thick x 1" arbor hole.

T-2816 Chipper, 10" dia. x 1/8" thick x 1" arbor hole.

T-2819 Chipper, 12" dia. x 1/8" thick x 1" arbor hole.

T-2820 Chipper, 12" dia. x 1/8" thick x 1" arbor hole.

T-2821 Chipper, 12" dia. x 1/8" thick x 1" arbor hole.

Black & Decker warrants this product for one year from date of purchase. We will repair without charge, any defect due to faulty material or workmanship. Please return the complete unit, transportation prepaid, to any Black & Decker Service Center or Authorized DeWalt Service Station listed in your owner's manual. This warranty does not apply to accessories or damages caused where repairs have been made or attempted by others.

DEWALT

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