

The Y Series Rock Drills and Air-Legs are a full range of products to meet your drilling needs. Ingersoll Rand has consistently been leader in the pneumatic construction tool for over 100 years. We are committed to providing high quality and performance in all our tools. Ingersoll Rand offers a complete line of construction tools and accessories for virtually every application. Please contact your local Ingersoll Rand distributor today learn more.



China coal mine safety certificate for YT23



China coal mine safety certificate for YT24

China appointed manufactory in coal mine industry

Ingersoll Rand Industrial Technologies provides products, services, and solutions to enhance the efficiency and productivity of our commercial, industrial and process customers. Our innovative products include air compressors, air systems components, tools, pumps, material and fluid handling systems and microturbines.

Y Series Rock Drills



Ingersoll Rand has participated in the world's construction and mining industries since 1871. Ingersoll Rand is a global innovation and solutions provider with powerful brands and leading positions within its markets. Ingersoll Rand employs approximately 40,000 employees throughout the world, and operates approximately 80 manufacturing facilities, more than half of which are located outside the United States.

Ingersoll Rand (Guilin) Tools Co.,LTD was founded in 1997 as a joint venture between Ingersoll Rand and one of China's most famous Air Tool manufacturers. Located in the city of Guilin in the Guangxi province of China, the facility has been making rock drills for over 30 years. The plant incorporates Ingersoll Rand's first-class manufacturing technology and advanced quality management methods. Through excellent performance, quality, and efficiency, the plant has successfully obtained ISO9001:2000 and 14001 certifications.



Business Development Center,
Annandale, New Jersey

ISO9001:2000 certification is authorized by the International Organization for Standardization. Only enterprises whose quality management system meets the requirements can achieve this honor.



The YT28 Air-Leg Rock Drill incorporates speed, stamina, and easy handling for dry or wet drilling in hard rock. The YT28 can drill holes up to 42mm (1-5/8in) wide and 5m (16.4ft) deep. At a minimum impact energy of 70 Joules (51 ft lbs) with an average drilling speed greater than 420 mm/min (16-1/2 in/min), the YT28 has high efficiency and productivity on any jobsite. The YT28 comes complete with the FT160A Air-Leg which can easily be retracted or extended using a pressure regulator for use when drilling horizontally or on an incline.

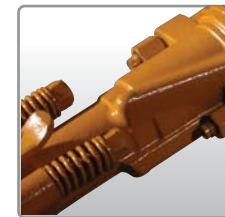
Additional Features



Adjustable Throttle



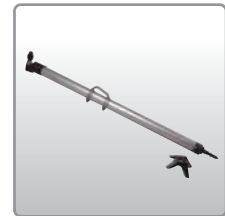
Directional Exhaust



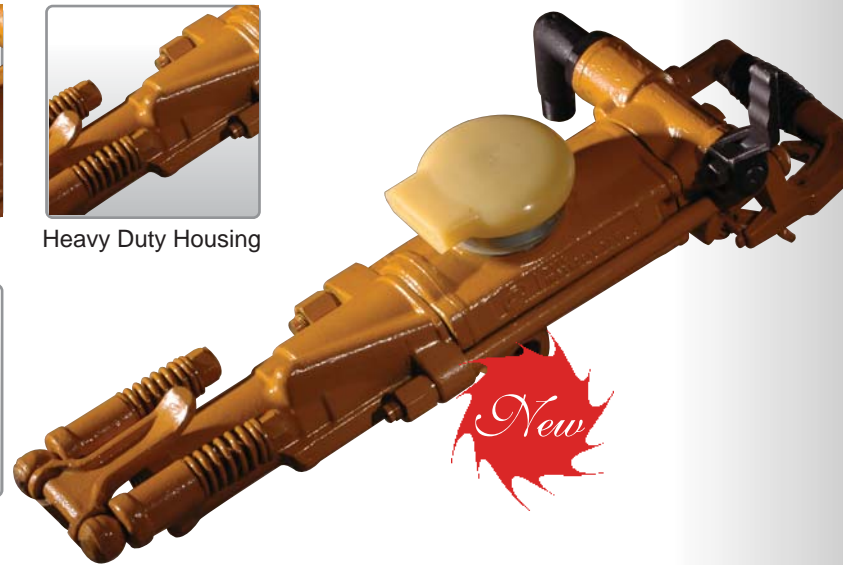
Heavy Duty Housing



Latch Retainer



Adjustable Air-Leg



YT28



YT24



Y24T



Y24TF



YT23



Y18

Configurations

Part/Model Number	Air-Leg	Water Connection	Flex Grip Handle	Foot Rest
Y18	FT140C	Yes	Yes	Not Included
YT23	FT160A	Yes	Not Included	Not Included
YT24	FT140B	Yes	Not Included	Not Included
Y24T	Not Included	Not Included	Yes	Not Included
Y24TF	Not Included	Not Included	Yes	Yes
YT28	FT160A	Yes	Not Included	Not Included

Air-Leg

Part/Model Number	Weight kg (lb.)	Length mm (in.)	Inner Extension Length mm (in.)	For Use With:
FT140B	15.6 (34.4)	1687 (66-3/8)	1250 (49-1/4)	YT24
FT140C	13 (28.6)	1650 (65)	1250 (49-1/4)	YT18
FT140E*	12 (26.4)	1347 (53)	914 (36)	YT18
FT160A	17 (37.5)	1668 (65-2/3)	1338 (52-2/3)	YT23, YT28

*Optional, not included with Y18

Specifications

Part/Model Number	Shank Size Hex w/Collar mm (in.)	Weight w/o Accessories kg (lb.)	Length w/o Accessories mm (in.)	Blows per Minute	Air Inlet Size mm (in.)	Water Inlet Size mm (in.)	Max Bit Diameter mm (in.)	Max Hole Depth m (ft.)	Piston Stroke mm (in.)	Bore mm (in.)	Air Consumption l/s (CFM)	Minimum Impact Energy J (ft lbs)	Average Drilling Speed mm/min (in/min)
Y18	22 x 108 (7/8 x 4-1/4)	18 (39.7)	550 (21-5/8)	1800	25 (1)	13 (1/2)	42 (1-5/8)	2 (6.5)	45 (1-3/4)	58 (2-1/4)	25 (53)	17 (12.5)	80 (3-1/8)
YT23	22 x 108 (7/8 x 4-1/4)	24 (53)	628 (27)	2160	25 (1)	13 (1/2)	42 (1-5/8)	5 (16-3/8)	60 (2-3/8)	76 (3)	80 (170)	65 (48)	330 (13)
YT24	22 x 108 (7/8 x 4-1/4)	24 (53)	678 (26-5/8)	1860	25 (1)	13 (1/2)	42 (1-5/8)	5 (16-3/8)	70 (2-3/4)	70 (2-3/4)	80 (170)	65 (48)	330 (13)
Y24T			600 (23-5/8)								65 (138)		
Y24TF			600 (23-5/8)								65 (138)		
YT28	22 x 108 (7/8 x 4-1/4)	26 (57)	661 (26)	2160	25 (1)	13 (1/2)	42 (1-5/8)	5 (16.4)	60 (2-3/8)	80 (3-1/8)	81 (171)	70 (51)	420 (16-1/2)