

Simba Junior (Ring Drilling Machine, Long Hole Drilling Machine)

This is also known as “**Ring Drilling Machine**” and “**Long Hole Drilling Machine**”. It is the most versatile percussion drill machine for tunnelling, drilling, long hole drilling, and cable bolting holes for roof support.

Rama Mining Tools is a leading manufacturer, exporter, and supplier of Simba Junior. A ring drilling machine is specially designed to drill holes in 360-degree rotation for conventional drilling. A long hole drilling machine is available in 3 versions.

1) Simba Junior (Standard) 2) Simba Junior (Mini) 3) Simba Junior (Lateral).

The lateral movement version is used for parallel drilling by “manual feed screw” of 54 mm to travel the feed beam in either direction up to 500 mm from the center and Mini version for small mines with a 2.4-meter radius.

SIMBA JUNIOR :



(MINI)

Weight : 650 kg (1433 lb)



(STANDARD)

Weight : 850 kg (1874 lb)



(LATERAL)

Weight : 1050 kg (2315 lb)



What is good about it?

- 360° rotation for convenient drilling at any angle
- Automatic rod clamp (Catcher) for easy rod handling
- Drifter directional control with reverse/forward
- Feed motor with reverse/forward direction control
- Water connection for flushing
- Integrated oil lubricator and oil flow control
- Lateral movement for parallel drilling.

Where it is used?

- Percussion drill machine for tunnelling
- Drifting & long hole drilling
- Cable bolting or roof supports
- Works in 3 meter height

Specification

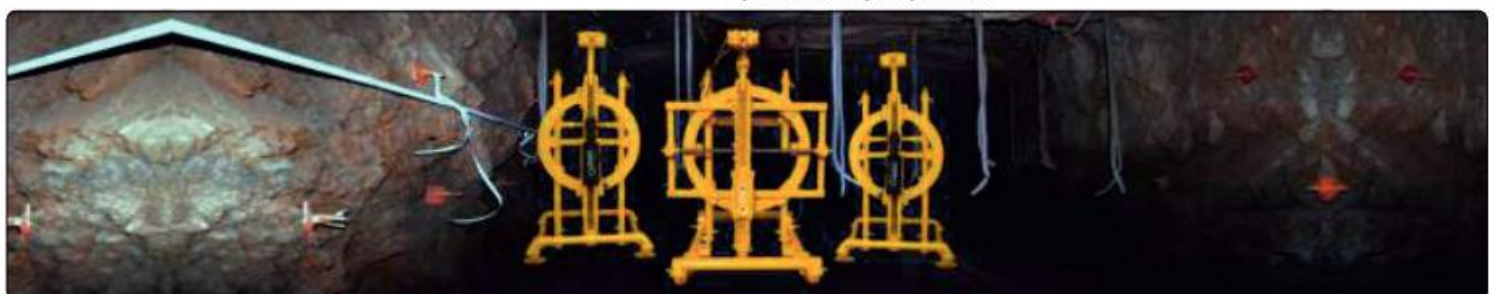
Model #	Simba Junior (Mini)	
Weight	650 kg	1433 lb
Pneumatic drifter	RMT 120F	
Hole diameter (Opt 1)	48 – 57 mm	2 - 2.24"
Hole diameter (Opt 2*)	64 mm	2.52"
Drill rod size	Opt 1 - R32 Opt 2* - R38, T38	
Drill rod length	1.20 metres	4 ft
Drilling length	Opt 1 - 30 mtr	98 ft
	Opt 2* - 2 mtr	6.56 ft
Air consumption	400 cfm	189 l/s
Drilling rate	1 meter in 4 minutes	
Feed beam	Screw feed type RMT 46 (BMS 46)	
Rod catcher	Pneumatic type RMT 10 (BSP 10)	
Ring size	1200 mm	47"
Skid frame	3" Pipe	
Dimension (L x W x H)	1500 x 1250 x 2300 mm	59 x 49 x 91"
Column bar height	Closed – 2200 mm, Open – 3700 mm	Closed – 87", Open – 146"


Working Tools

Lubricator

Spare Parts

Our standard Simba machine is suitable in an average height at heading work in a range of 2.7 mtr to 4 mtr. Minimum height required will be 2.7 mtr. Option 2* is only for pilot drill.



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- Lateral movement for parallel drilling.

Where it is used?

- Percussion drill machine for tunnelling
- Drifting & long hole drilling
- Cable bolting or roof supports
- Works in 3 meter height

Specification

Model #	Simba Junior (Standard)	
Weight	850 kg	1874lb
Pneumatic drifter	RMT 120F	
Hole diameter (Opt 1)	48 – 57 mm	2 - 2.24"
Hole diameter (Opt 2*)	64 mm	2.52"
Drill rod size	Opt 1 - R32 Opt 2* - R38, T38	
Drill rod length	1.20 metres	4 ft
Drilling length	Opt 1 - 30 mtr Opt 2* - 2 mtr	98 ft 6.56 ft
Air consumption	400 cfm	189 l/s
Drilling rate	1 meter in 4 minutes	
Feed beam	Screw feed type RMT 46 (BMS 46)	
Rod catcher	Pneumatic Type RMT 10 (BSP 10)	
Ring size	1500 mm	59"
Skid frame	4" Pipe	
Dimension (L x W x H)	1780 x 1550 x 2600 mm	70 x 61 x 102"
Column bar height	Closed – 2200 mm, Open – 3700 mm	Closed – 87", Open – 146"

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Option 2* is only for pilot drill.



Working Tools



Lubricator



Spare Parts





What is good about it?

- 360° rotation for convenient drilling at any angle
- Automatic rod clamp (Catcher) for easy rod handling
- Drifter directional control with reverse/forward
- Feed motor with reverse/forward direction control
- Water connection for flushing
- Integrated oil lubricator and oil flow control
- Lateral movement for parallel drilling.

Where it is used?

- Percussion drill machine for tunnelling
- Drifting & long hole drilling
- Cable bolting or roof supports
- Works in 3 meter height

Specification

Model #	Simba Junior (Lateral)	
Weight	1050 kg	2315 lb
Pneumatic drifter	RMT 120F	
Hole diameter (Opt 1)	48 – 57 mm	2 - 2.24"
Hole diameter (Opt 2*)	64 mm	2.52"
Drill rod size	Opt 1 - R32 Opt 2* - R38, T38	
Drill rod length	1.20 metres	4 ft
Drilling length	Opt 1 - 30 mtr	98 ft
	Opt 2* - 2 mtr	6.56 ft
Air consumption	400 cfm	189 l/s
Drilling rate	1 meter in 4 minutes	
Feed beam	Screw feed type RMT 46 (BMS 46)	
Rod catcher	Pneumatic Type RMT 10 (BSP 10)	
Ring size	1500 mm	59"
Skid frame	4" Pipe	
Dimension (L x W x H)	1780 x 1550 x 2600 mm	70 x 61 x 102"
Column bar height	Closed – 2200 mm,	Closed – 87",
	Open – 3700 mm	Open – 146"

Our standard Simba machine is suitable in an average height at heading work in a range of 2.7 mtr to 4 mtr. Minimum height required will be 2.7 mtr.

Option 2* is only for pilot drill.


Working Tools
Lubricator
Spare Parts
