

TITON 300 TITON 300R

INNOVATIVE • RELIABLE • ECONOMICAL

Technical Specifications

Drilling data

Optimum drill range	mm	90 - 127
Drill tube diameter	mm	76 or 89
Drill tube length	mm	4.000

Power pack and compressor

Diesel engine	CAT
Screw compressor	stage single
Air volume	m ³ /min 14
Air pressure	bar 17

Cabin

FOPS II / ROPS

Chassis

Tractive force	kN	118
Gradeability	%	62*
Tramming speed	km/h	0 - 4
Crawler oscillation	degrees	+/- 10

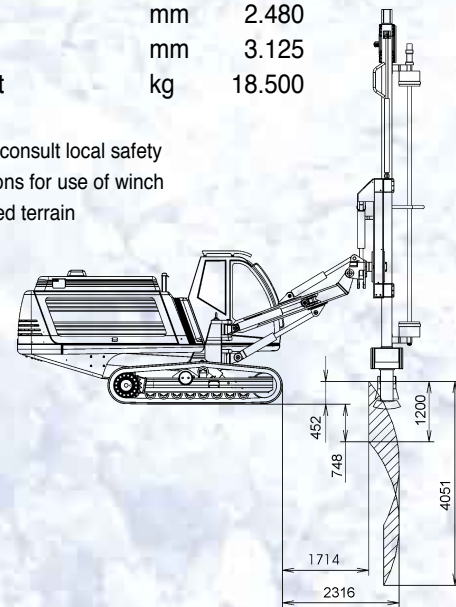
Magazine

Type	revolver
Capacity (76 mm)	7 + 1
Capacity (89 mm)	7 + 1
Hole depth	m 32

Transport Dimensions

Length	mm	10.480
Width	mm	2.480
Height	mm	3.125
Weight	kg	18.500

*please consult local safety regulations for use of winch in inclined terrain



TITON R 300 Additions

Optimum drill range

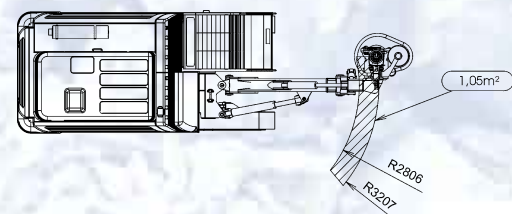
• Rotary	mm	80 - 95
• DTH	mm	90 - 127

Drill pipe diameter

• Rotary	mm	70
• DTH	mm	76 or 89

Transport Dimensions

Height	mm	3.300
Weight	kg	19.500
Feed force	kg	6.000



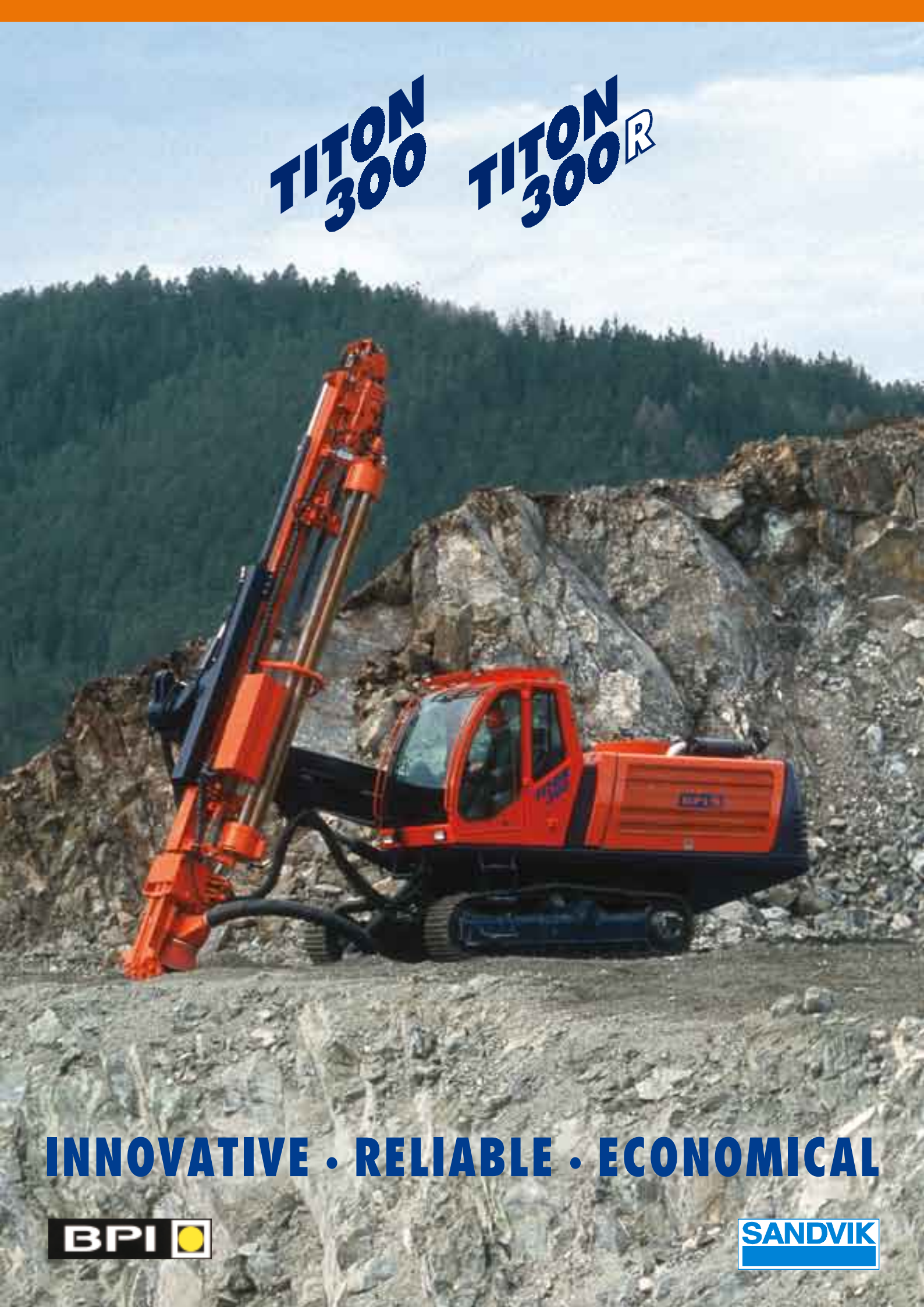
The TITON's at a glance

		TITON 100	TITON 200	TITON 300	TITON 300R	TITON 400	TITON 500	TITON 600
Hole range	mm	70 - 115	70 - 127	90 - 127	90 - 127	90 - 127	90 - 152	110 - 190
	in	2 3/4" - 4 1/2"	2 3/4" - 5"	3 9/16" - 5"	3 9/16" - 5"	3 9/16" - 5"	3 9/16" - 6"	4 5/16" - 7 1/2"
Drill pipe diameter	mm	51 - 76	51 - 76	76 - 89	76 - 89	76 - 114	76 - 114	89 - 127
	in	2 - 3"	2 - 3"	3" - 3 1/2"	3" - 3 1/2"	3" - 4 1/2"	3" - 4 1/2"	3 1/2" - 5"
Drill tube length	mm	3.000	4.000	4.000	4.000	5.000	5.000	6.000
	ft in	9' 10"	13' 1 1/2"	13' 1 1/2"	13' 1 1/2"	16' 5"	16' 5"	19' 8"
Magazine capacity*	m	39	32	32	32	40	40	42
	ft	128	105	105	105	131	131	138
Compressor								
- Pressure	bar	14	14	17	17	24	24	24
	psi	203	203	247	247	348	348	348
- Air volume	m ³ /min	11	11	14	14	17	22	28
	cfm	388	388	494	494	600	777	989
Weight	kg	8.500	12.000	18.500	19.500	20.000	20.500	28.500
	lbs	18.720	26.432	40.749	42.952	44.053	45.154	62.775

* ... depending on drill tube diameter

Please consult your local representative for more features and detailed specifications.

Authorised Dealer:



TITON 300 TITON 300R

INNOVATIVE • RELIABLE • ECONOMICAL



SANDVIK BPI
Bohrtechnik GmbH & Co KG
Alpinestr. 1
A-8740 Zellweg / Austria

Phone: +43 3577 755 - 0
Fax: +43 3577 756 - 777
E-mail: sales.bpi@sandvik.com
www.bpi.sandvik.com



SANDVIK BPI 300-ENG - GALIP DESIGN





TITON 300
TITON 300R

FEATURES AND BENEFITS

- Compressor output optimised for 3" and 4" DTH hammers
- 14 m³ / min (494 cfm) air volume at 17 bar (247 psi) for good drilling penetration rates
- CAT engine, compliant to new emission standards
- Compact design for transportability
- Excavator type chassis for longer life and rig stability
- FOPS II / ROPS cabin with joy-stick controls for operator's comfort
- Service points are easily located through large 3-door system
- Two speed tramming mode with max. 4.0 km/h
- Heavy duty oscillating tracks for increased gradeability and mobility in rough terrain
- Roll-over option for toe holes in tramming direction
- **Titon 300 R** - multi purpose drilling rig for Rotary and DTH application

The **Titon 300** has been designed for drilling applications ranging from 90 – 127 mm hole diameters with 3" and 4" DTH hammers. The **Titon 300** is capable of drilling all angles, including toe holes in the tramming direction (optional) to a depth of 32 metres.

The **Titon 300 R** is a multi-purpose drilling rig for Rotary and DTH applications. This innovative solution enables the machine to easily change over from one application to another. A perfect combination for changing ground conditions.

Both drills are equipped with a spacious FOPS II / ROPS cabin with excellent visibility, joy stick controls and a noise level less than 80 dB (A) and the "best seat in the business" for operator comfort and productivity. The component placement has been optimised for maximum service and accessibility. The drills are extremely flexible in rough conditions due to the good stability through a low centre of gravity, powerful large undercarriage and excavator type chassis.

Titon 300 R

Telescopic boom and roll-over optional



Telescopic boom and roll-over optional