

## Reference list for Drilling Rigs

Rig Type	Location/ Version	Rig Name	Built Year	Rated Power	Max. Load
HDD 300.1	Onshore Horizontal	Bavarian Fighter	2001	900 HP	330 short tons
HDD 350.1	Onshore Horizontal	Combi Rig Viking Sword	2002	1000 HP	385 short tons
HDD 350.2	Onshore Horizontal	Torero	2006	1000 HP	385 short tons
HDD 350.3	Onshore Horizontal	Endurance	2006	1000 HP	385 short tons
HDD 350.4	Onshore Horizontal	Bavarian Bull	2007	1000 HP	385 short tons
HDD 350.5	Onshore Horizontal	-	2011	1000 HP	385 short tons
HDD 350.6	Onshore Horizontal	Cristobal Colon	2011	1000 HP	385 short tons
HDD 350.7	Onshore Horizontal	Danubia	2012	1000 HP	385 short tons
HDD 350.8	Onshore Horizontal	-	2014	1000 HP	385 short tons
HDD 350.9	Onshore Horizontal	-	2014	1000 HP	385 short tons
MD 120.1	Onshore Mobile	T 1045	2014	390 HP	120 short tons
TB 1000	Onshore Mobile	T 1021	2002	600 HP	120 short tons
TB 1000	Onshore Mobile	T 1022	2002	600 HP	120 short tons
TB 1200	Onshore Mobile	T 1023	2003	600 HP	130 short tons
TB 1300	Onshore Mobile	T 1024	2007	600 HP	140 short tons
TB 1300	Onshore Mobile	T 1025	2007	600 HP	140 short tons
TB 1300	Onshore Mobile	T 1026	2007	600 HP	140 short tons
TB 1300	Onshore Mobile	T 1030	2007	600 HP	140 short tons
TB 1300	Onshore Mobile	T 1031	2007	600 HP	140 short tons
TB 1300	Onshore Mobile	T 1032	2007	600 HP	140 short tons

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TB 1800	Onshore Mobile	T 1027	2008	1140 HP	200 short tons
TB 1800	Onshore Mobile	T 1028	2008	1140 HP	200 short tons
TB 1800	Onshore Mobile	T 1029	2008	1140 HP	200 short tons
TB 1300V	Onshore Mobile	T 1039	2008	600 HP	135 short tons
TB 1600V	Onshore Mobile	T 1040	2009	1000 HP	180 short tons
TB 1600V	Onshore Mobile	T 1044	2010	1200 HP	180 short tons
TB 1800V	Onshore Mobile	T 1034	2008	1200 HP	200 short tons
TB 1800V	Onshore Mobile	T 1043	2010	1140 HP	200 short tons
TB 2100S	Onshore Mobile	Explorer T 1033	2010	1140 HP	200 short tons
VDD 200.1	Onshore Stationary	Compact	2009	1200 HP	200 short tons
VDD 370.1	Onshore Stationary	Synergy I	2004	1500 HP	400 short tons
VDD 370.2	Onshore Stationary	VarioRig	2005	1500 HP	400 short tons
VDD 370.3	Onshore Stationary	Synergy II	2007	1500 HP	400 short tons
VDD 400.1 Modular	Offshore Mobile	Emerald	2011	1500 HP	400 short tons
VDD 400.2 Modular	Offshore Mobile	Topaz	2014	1500 HP	400 short tons
VB101A	Onshore Mobile	V2005	1999	13,5 HP	3 short tons
VB101R	Onshore Mobile	V2007	1998	13,5 HP	3 short tons
VB101R	Onshore Mobile	V2015	1998	13,5 HP	3 short tons
VB101R	Onshore Mobile	V2025	2000	13,5 HP	3 short tons
VB102R	Onshore Mobile	V2028	2000	13,5 HP	3 short tons

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VB102R	Onshore Mobile	V2030	2000	13,5 HP	3 short tons
VB102R	Onshore Mobile	V2031	2001	13,5 HP	3 short tons
VB102R	Onshore Mobile	V2034	2001	13,5 HP	3 short tons
VB102R	Onshore Mobile	V2035	2001	13,5 HP	3 short tons
VB102R	Onshore Mobile	V2042	2002	30 HP	3 short tons
VB102R	Onshore Mobile	V2048	2002	13,5 HP	3 short tons
VB102R	Onshore Mobile	V2052	2003	30 HP	3 short tons
VB103R	Onshore Mobile	V2054	2004	30 HP	3 short tons
VB150R	Onshore Mobile	V2024	1999	50 HP	5 short tons
VB150R	Onshore Mobile	V2026	1999	50 HP	5 short tons
VB150R	Onshore Mobile	V2029	2000	50 HP	4 short tons
VB150R	Onshore Mobile	V2032	2001	50 HP	4 short tons
VB150R	Onshore Mobile	V2036	2001	50 HP	4 short tons
VB150R	Onshore Mobile	V2046	2001	67 HP	4 short tons
VB150(A)	Onshore Mobile	V2053	2004	60 HP	4 short tons
VB150(A)	Onshore Mobile	V2064	2005	60 HP	4 short tons
VB151R	Onshore Mobile	V2033	2001	50 HP	4 short tons
VB151R	Onshore Mobile	V2043	2002	60 HP	4 short tons
VB151R	Onshore Mobile	V2044	2003	60 HP	4 short tons
VB151R	Onshore Mobile	V2050	2003	60 HP	4 short tons
VB151R	Onshore Mobile	V2051	2004	60 HP	4 short tons

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VB151R	Onshore Mobile	V2055	2005	60 HP	4 short tons
VB151R	Onshore Mobile	V2070	2006	60 HP	4 short tons
VB152R	Onshore Mobile	V2071	2006	60 HP	4 short tons
VB152R	Onshore Mobile	V2072	2006	60 HP	4 short tons
VB152R	Onshore Mobile	V2073	2006	60 HP	4 short tons
VB152R	Onshore Mobile	V2084	2007	60 HP	4 short tons
VB152R	Onshore Mobile	V2049	2007	60 HP	4 short tons
VB152R	Onshore Mobile	V2083	2007	60 HP	4 short tons
VB152R	Onshore Mobile	V2085	2007	60 HP	4 short tons
VB152R	Onshore Mobile	V2086	2001	60 HP	4 short tons
VB200(A)	Onshore Mobile	V2038	2002	100 HP	6 short tons
VB200R	Onshore Mobile	V2008	2000	70 HP	5 short tons
VB200RDK	Onshore Mobile	V2082	2007	170 HP	16 short tons
VB300	Onshore Mobile	V2019-20	1998	135 HP	10 short tons
VB300K	Onshore Mobile	V2056	2005	215 HP	10 short tons
VB405	Onshore Mobile	V2018	1998	190 HP	10 short tons
VB400	Onshore Mobile	V2047	2003	295 HP	32 short tons
VB400	Onshore Mobile	V2057-61	2005	360 HP	25 short tons
VB500	Onshore Mobile	V2027	2003	400 HP	32 short tons
VB600	Onshore Mobile	V2062	2005	560 HP	46 short tons
VB600	Onshore Mobile	V2063	2013	560 HP	46 short tons



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VB600SX	Onshore Mobile	V2077	2014	500 HP	70 short tons
VB600SX	Onshore Mobile	V2078	2014	500 HP	70 short tons
VB600SX	Onshore Mobile	V2079	2014	500 HP	70 short tons

## Reference list for Drilling Rigs

### STREICHER representative track records (June 2014):

Rig Name	Direction	Work performed	Countries of Operation	Approx. MD	Approx. Sum MD	# of wells
Explorer T 1033	Vertical Mobile	Oil well Gas well	Germany Italy The Netherlands France	2600 m	22000 m	7
Compact	Vertical	Oil well	The Netherlands	3500 m	9400 m	73
Synergy I	Vertical	Oil well Geothermal well	The Netherlands Germany Poland	3500 m	133000 m	33
VarioRig	Vertical	Oil well	Poland Germany France	3700 m	78000 m	30
Synergy II	Vertical	Oil well Gas well Workover	The Netherlands	4200 m	20900 m	61
Emerald	Vertical	Gas well Workover	New Zealand	6500 m	18500 m	4
Endurance	Horizontal	LNG Project Crossings Pipeline projects	Italy Thailand Western Australia Russia Austalia Iraq	Length 1850 m	Length 22000 m	18
Viking Sword	Horizontal/ Vertical	Pipeline Project "Mittelplate" Tunnels Geothermal well	North Sea/Germany Spain New Zealand Iran	Vertical 3500 m  Horizontal 3000 m	V + H 16600 m	8

### Awards

2013      Synergy II      Shell global solution international – Land rig of the year 2013

## Reference list for Drilling Rigs

### Reference List for Drilling Rigs, Components and Services

Aker Solutions  
ANGER's & Söhne  
Archer  
Bundesanstalt für Geowissenschaften und Rohstoffe  
C.A.T. OIL  
DEUSA International GmbH  
DrillTec GUT GmbH  
EEW Erdöl –Erdgas Workover GmbH  
EnProCon Enterprise Ltd.  
E.On Bayern Wärme GmbH  
E.On Gas Storage GmbH  
E.On Ruhrgas AG  
EnCana France S.A.S.  
Eni polska sp. Z o.o.  
Fenix  
First GeoTherm GmbH  
GDF SUEZ E&P Deutschland GmbH  
Geoforschungszentrum Potsdam (GFZ)  
Geothermie Unterhaching GmbH  
GMT Exploration Company Denmark ApS  
GNB-Neftestroy  
Golfstrim /Techburservice  
Green Well Westland B.V.  
KBW German Construction Ltd.  
NAM (Nederlandse Aarolie Maatschappij B.V.) –Shell  
Northern Petroleum Nederland B.V.  
NSCC International Ltd  
OMV Austria Exploration & Production GmbH  
Pannon Naftagas Llc.  
Prodvodtruboprovodstroy (PTPS)  
Shell Todd Oil Services (STOS)  
Slovay Deutschland (SGW)  
Solino Grupa Orlen  
Stadtwerke Bad Urach



## Reference list for Drilling Rigs

### Reference List for Drilling Rigs, Components and Services

Tempobur Ltd.

Tulip Oil & Gas Netherlands B.V.

Uralmash NGO Holding LLC

Vermilion Oil & Gas Netherlands B.V.

Rep SAS

RWE Dea

Vermilion Resources Ltd

Wintershall Holding AG

ZAO PMK Samarasvyazstroy

