

Sampling of important references for test bench drives

Technical design: Frequency converter with voltage link (VSI)
Thyristor converter (DCC)

2009

John Deere / Germany 1 piece Test stand drive
rating: 90 kW

2008

LSW Maschinenfabrik /
Germany 1 piece Drive equipment for differential-gear box-test
stand 900 Nm with
frequency converter and motors in Siemens
technology

John Deere / Germany 1 piece Test stand drive
rating: 800 kW

2007

Ingenieurgesellschaft für
Aggregatetechnik /
Germany 1 piece Test stand drive
rating: 200 kW

2006

Ingenieurgesellschaft für
Aggregatetechnik /
Germany 1 piece Motorcycle test stand
rating: 200kW

John Deere / Germany 1 piece Test stand
rating: 90 kW

2005

Technogerma Systems/
Germany 1 piece Motorcycle test stand
rating: 200kW

Ingenieurgesellschaft für
Aggregatetechnik /
Germany 1 piece Motorcycle test stand
rating: 200kW

John Deere / Germany 1 piece PTO- Motorcycle test stand
rating: 500 kW

2004

Technogerma Systems/
Germany 1piece Motorcycle test stand
rating: 200kW

Renk AG / Germany 1 piece Gear box test bench
rating: 350kW
(watercooled)

Renk AG / Germany 1 piece Hybrid test stand
rating: 1x1800 kW (Tandem)
2x1200kW
(watercooled)

John Deere / Germany 1 piece Motorcycle test stand
rating: 470kW

John Deere / Germany 1 piece Test stand
rating: 75kW

2003

BMW via Renk / Germany	1 piece	Rolling test stand rating: 2x 140kW, 2x75kW (watercooled)
Renk / Germany	1 piece	Emission test stand rating: 400kW
VEM Sachsenwerk / Germany	1 piece	Transformator test stand rating: 1600kW
OKBM N. Nowgorod Russia via Enel / Russia	1 piece	Test stand drives pumps 400/500V, 6kV VSI500/1100 with sine output filter for the Russian civilian atomic energy economy
John Deere / Germany	1 piece	Hydraulic test stand rating: 110kW
John Deere / Germany	1 piece	4WD test stand rating: 4x 250kW
John Deere / Germany	2 pieces	Test stand rating: 75 kW; 90kW
China via Peus / Germany	1 piece	Motorcycle test stand rating: 45kW

2002

Renk / Germany	1 piece	Gear box test bench rating: 900kW (watercooled)
Renk / Germany	1 piece	Gear box test bench rating: 220kW (watercooled)
John Deere / Germany	1 piece	Power-take-off shaft test bench rating: 250kW

2001

AVL for Allison/USA	1 piece	Gear box test bench rating: 471kW
Schorch for MAN Munich	1 piece	Motor test bench rating: 800kW

2000

AVL for Bosch Brazil	1 piece	Motor test bench rating: 250kW
AVL for DaimlerChrysler/Mexico	1 piece	Motor test bench rating: 335kW
AVL for Audi	1 piece	Gear box test bench rating: 218kW

1999

TGS	5 pieces	Test benches, built-in into a container rating: 160kW
Voith Turbo	1 piece	Retarder test bench rating: 800kW
AVL for Porsche	1 piece	Gear box test bench rating: propulsion 705kW, output 2x356kW

1998

Kratzer for MAN Nuremberg	1 piece	Motor test bench rating: 500kW
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