

# Workover operations



MND Drilling & Services has a long, time-honored tradition of providing workover services. During last 5 years, there have been over 580 workover jobs completed.

The aforementioned jobs were executed for our parent company MND a.s. as well as many other customers, including the following:

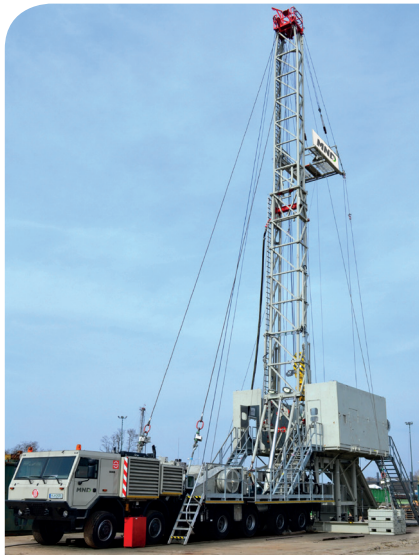
- ▶ RWE Transgas a.s.
- ▶ RWE Transgas Net, s.r.o.
- ▶ RWE Gas Storage s.r.o.
- ▶ POZAGAS a.s. (Slovakia)
- ▶ Engas a.s.
- ▶ UNIGEO a.s.
- ▶ Česká naftařská společnost, s.r.o.
- ▶ Hodonín Spa
- ▶ Palivový kombinát Ústí s.p.
- ▶ The Ministry of the Environment of the Czech Republic

## Type of workover operations

- ▶ **Standard workover operations** - changing beam pumps, sucker rods and tubing, P&A, sand plug removal, special well completion (ESP, downhole pressure gauges, bridge plug setting), cement plug isolation, TCP perforation, dewaxing.
- ▶ **Special workover operations** - long interval casing section milling, isolation of down-hole leaks, wellhead total reconstruction, remedial cementing, acidizing, hydraulic fracturing.
- ▶ **Completion of UGS wells** - section-milling of casings, underreaming, gravel packing and final well completion with sub surface safety valve and premium connection tubing.

Type of the rig	Hookload capacity (t)	Mast height incl. substructure (m)	Manufacturer	Year of manufacture	Year of last overhaul
MD 80	80	32	MAX STREICHER	2016	-
DIR-5505/2	85	32.4	SBS Austria	1975	2012
DIR-5505/4	85	32.4	SBS Austria	1977	2011
DIR-3007	70	30.7	SBS Austria	1979	2014
DIR-308	70	30.7	SBS Austria	1972	2017
DIR-110	50	28.3	SBS Austria	1996	2012

# Workover Rigs



**MD 80**

Manufacturer **MAX STREICHER**

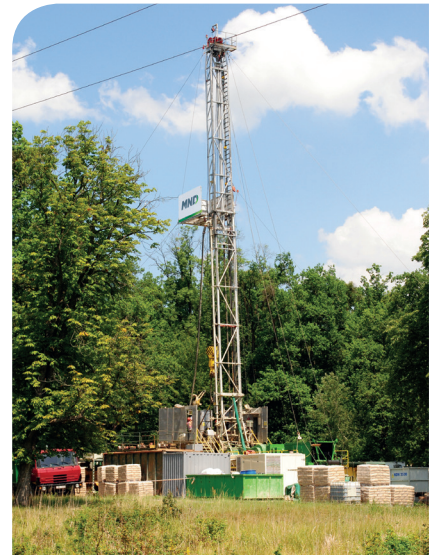
Hook load capacity (t) **80**



**DIR 5505/2**

Manufacturer **SBS, Austria**

Hook load capacity (t) **85**



**DIR 5505/4**

Manufacturer **SBS, Austria**

Hook load capacity (t) **85**



**DIR 3007**

Manufacturer **SBS, Austria**

Hook load capacity (t) **70**



**DIR 308**

Manufacturer **SBS, Austria**

Hook load capacity (t) **70**



**DIR 110**

Manufacturer **SBS, Austria**

Hook load capacity (t) **50**