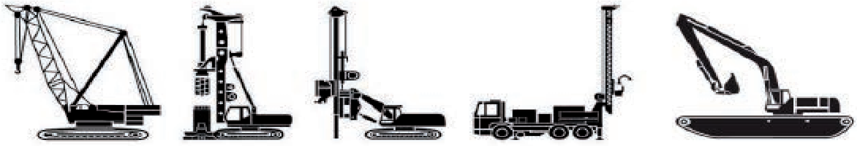
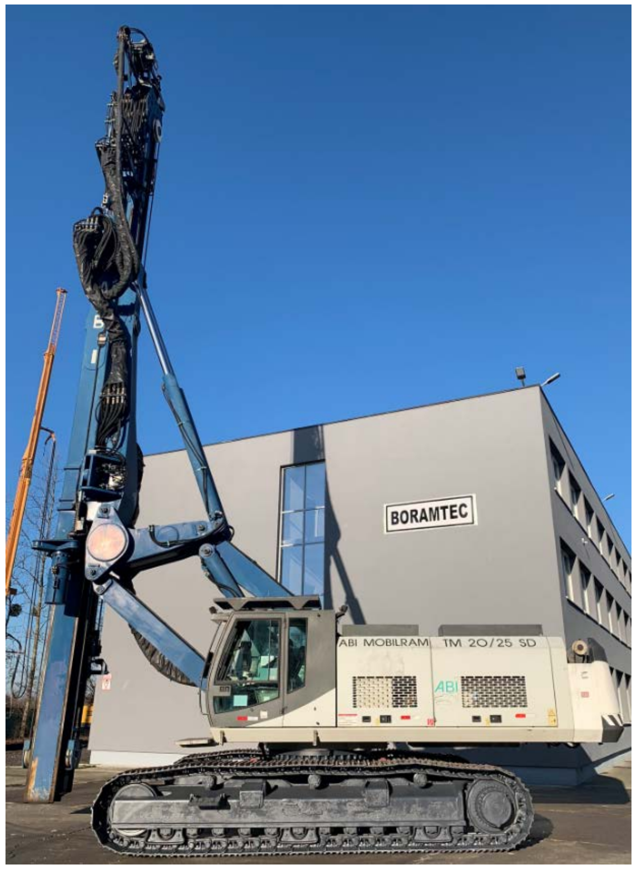
9	Rammgeräte	Pilling Rigs

Telescopic leader mast
Mobilram – System TM 20/25

Base carrier SR 50 T
Engine CAT C18 - Kw 522
Year 2012
working hours 2200

Manufacturer / Hersteller	ABI
Type / typ	20 /25
Serial No. / Serien Nr.	550 6 528
Location / Standort	Berlin / Herzfelde
Year of construction/Baujahr	2012
Operating hours/ Betriebsstunden	2200
Equipment/ Ausstattung	Vibrator MRZV 36VV





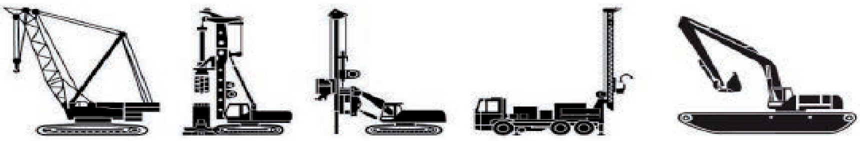
TECHNICAL DATA / DATA SHEET

ABI MOBILRAM-SYSTEM **TM 20-25SD**

• WEIGHT OF EQUIPMENT / WITHOUT ATTACHMENT APP*		KG 94.100
• TRANSPORT WEIGHT / WITHOUT CONTER WEIGHT APP*		KG 78.700
• MOUNTED WEIGHT INCL. MAIN BOOM AND AUXILIARY WINCH*		KG 34.500
• MAX. TORQUE CAPACITY		KNm 200
•		
• MAX. LOAD CAPACITY WITH MINIMUM REACH		KG 13.000
• NOMINAL OIL PRESSURE		MPa 30,0
• HYDRAULIC OIL		HLP 46
• MIN./ MAX. AMBIENT TEMPERATURE	°C	-20 +40

DIMENSIONS

• HEIGHT MIN./MAX	MM	16.990 –32.400
• MAX. HEIGHT UP TO RAPID CHANGING DEVICE	MM	27.700
• GUIDE WIDTH	MM	600
• WIDTH	MM	50
• CENTER TO GUIDE	MM	3.950 – 5.000
• CENTER TO BACK	MM	4.740
TRANSPORT WIDTH	MM	3 .000



• TRANSPORT LENGTH	MM	17.650
• TRANSPORT HEIGHT	MM	3.800

FORCES AT LEADER MAST CARRIAGE

• PRESTRESSING FORCE LEADER MAST CYLINDER I	KN	150
• PRESTRESSING FORCE LEADER MAST CYLINDER II	KN	150
• EXTRACTION FORCE LEADER MAST CYLINDER I	KN	300
• EXTRACTION FORCE LEADER MAST CYLINDER II	KN	270

MAXIMAL LEADER MAST INCLINATION

• TO THE FRONT	DEG.	+ 4°
• TO THE REAR	DEG.	- 5°
• TO THE SIDES	DEG.	+/-4°
• LEADER MAST SLEWING RANGE	DEG.	+/- 90°

CARRIER **SR50T-C S50/48**

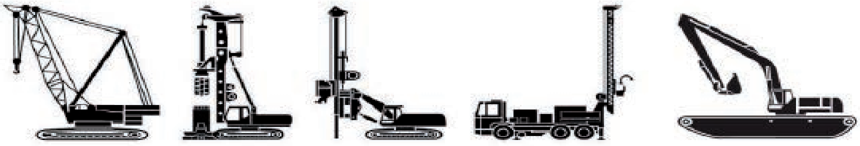
Engine CAT C18		
Engine power		
(EU Stage II, US EPA TIER 2)	kW 570	
Hydraulic flow rate	L/min	2 x 300
Nominal oil pressure	Mpa	32

Hydraulic extendable under carriage		
Track gauge with 700mm track shoes width	mm	2500 - 3700

VIBRATOR MRZV **36VV**

DATA SHEET

• STATIC MOMENT ADJSTABLE-	KGM	36
• DYNAMIC WEIGHT	KG	4.045
• AMPLITUDE X 2	MM	18
• NOMINAL REVOLUTIONS	MIN^{-1}	1.950
• MAX. REVOLUTIONS PER MINUTE	MIN^{-1}	2.600
• FREQUENCY	HZ	43
CENTRIFUGAL FORCE WITH STANDARD CLAMP		
• ASSEMBLY SKZ 1800	KN	1.500
• RECOMMENDED INSTALLED POWER OF CARRIER	KW	470 – 570
• NOMINAL OIL PRESSURE	MPa	35
• MAX. EXTRACTION FORCE / PRESTRESSING FORCE	KN	270
• MAX. LOAD CAPACITY	KG	3.200
• GEAR OIL	ISO VG 150	
• GEAR OIL QUANTITY GEAR BOX	l	12
• GEAR OIL QUANTITY INCL. COOLING SYSTEM TM 20/25SD	l	42



BORAMTEC

DIMENSION AND WEIGH

LENGHT H	MM	3.220
WIDTH B	MM	690
DEPTH T	MM	1.620
GUIDE TO DRIVING AXLE	MM	650
LOCKING TO BOTTOM	MM	2.870
LOCKING TO BOTTOM VIBRATOR BODY	MM	2.100
TOTAL WEIGHT	KG	5.380

TRANSPORT DIMENSIONS AND WEIGHTS

LENGHT	MM	3.395
WIDTH	MM	1.480
DEPTH	MM	1.670
TRANSPORT WEIGHT	KG	5.900

JAW ASSEMBLY SKZ 1120

CLAMPING FORCE	KN	1.800
CLAMPING PRESSURE	MPa	48
MAX. LOAD PER PITCHING CHAIN (OPTION)	KG	2*1.600
OPTION: MAX. LOAD PITCHING CHAIN	KG	2*3.000
TOTAL WEIGHT	KG	1.300


BORAMTEC
ABI MOBILRAM TM 20/25 SD
ABI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