



Heavy Equipment

TECHNICAL SPECIFICATIONS



BULLDOZERS
CHARGEUSES A CHÂÎNES



Make	Type	Track type	Engine power	Operation weight	# in fleet	ULEm	Zero Emissions
			kW	tonnes			
KOMATSU	D37	LGP	68	9.3	1	1	
CATERPILLAR	D6	LGP	192	23	34	6	
CATERPILLAR	D6	LGP	174	23	6		
CATERPILLAR	D6	LGP	161	25	8	8	
CATERPILLAR	D8	LGP	245	38	1		
CATERPILLAR	D8	XL	245	38	9		

DUMP TRUCKS
TOMBEREAUX ARTICULÉS



Make	Type	Load capacity	Engine power	Empty weight	# in fleet	ULEm	Zero Emissions
		m³	kW	tonnes			
HITACHI	EG70R-3	3.76	140	11.5	2		
KUBOTA	250R	1.26	36	2.5	1		
KUBOTA	KC250H	1.39	34	2.5	1		
PRINOTH	Panther T14	6.5	205	16.6	2	2	
VOLVO	A25	15.6	235	22.5	9	9	
VOLVO	A40	24.7	350	29.8	67	12	
VOLVO	A40J	24	350	31.4	12	12	
CATERPILLAR	745	26.5	381	33.4	2	2	

WHEELLOADERS
CHARGEUSES SUR PNEUS



Make	Type	Engine power	Bucket capacity	Operation weight	# in fleet	ULEm	Zero Emissions
		kW	m³	tonnes			
AHLMANN	AZ45	30	0.6	5	1		
BOBCAT	763	33	0.7	2.5	1		
BOBCAT	S130	36	0.6	2.5	1		
BOBCAT	S630	55	1	3.5	1		
BOBCAT	T770	69	1.5	5	2		
CATERPILLAR	IT14	72	1.4	8	3		
CATERPILLAR	950	147	3.5	18	1		
CATERPILLAR	966	232	9.2	23	3	1	
CATERPILLAR	972	251	9.9	25	4	4	
CATERPILLAR	980	313	12	30	37	2	
CATERPILLAR	988	414	7	50	3	1	

Make	Type	Engine power	Bucket capacity	Operation weight	# in fleet	ULEm	Zero Emissions
HITACHI	ZW180	129	2.8	15	1		
HITACHI	ZW250	186	3.8	21	1		
HITACHI	ZW310	220	4.2	22	2	2	
HITACHI	ZW370	255	5	25	4		
KNIKMOPS	250Y	36	5	2.5	1		
KUBOTA	R310	19	0.3	2	1		
NEW HOLLAND	LX465	22	1.38	2	1		
ROLLMOPS	KM70	17	0.5	0.5	1		
VOLVO	L45	81	2.5	8	9		
LIEBHERR	L566	200	4.7	24	2	2	
VOLVO	L150	220	6	26	2	2	

TRACKED EXCAVATORS
PELLES HYDRAULIQUES



Make	Type	Bucket capacity	Engine power	Operation weight	# in fleet	ULEm	Zero Emissions
		m³	kW	tonnes			
BOBCAT	316		7	0.8	1		
CATERPILLAR	416E		55	7	1		
CATERPILLAR	320	1.3	114	22.5	1		
CATERPILLAR	325	1.3	128	27.5	1	1	
CATERPILLAR	350	3.2	310	52.5	4		
CATERPILLAR	336	1.9	200	35	4	1	
CATERPILLAR	349	2.4	305	50	6		
CATERPILLAR	350FG	27	310	47.6	4		
CATERPILLAR	395	6	405	94.1	1	1	
CATERPILLAR	6015	8.1	556	140	1	1	
HITACHI	Zaxis 110	0.6	69	12.2	1		
HITACHI	Zaxis 130	0.7	69	13.6	3	1	
HITACHI	Zaxis 135	0.7	74	14.8	10	9	
HITACHI	Zaxis 135	0.7	69	13.6	3	3	
HITACHI	Zaxis 210	1	119	21.9	10	2	
HITACHI	Zaxis 225	0.8	128	26.6	10	10	
HITACHI	Zaxis 225	0.8	122	23.6	9	9	
HITACHI	Zaxis 350	1.5	202	35.1	1		
HITACHI	Zaxis 350	1.4	202	35.1	14	9	
HITACHI	Zaxis 350	1.4	202	44.1	1	1	
HITACHI	Zaxis 350	1.4	202	36.5	3	3	
HITACHI	Zaxis 470	2.65	235	47	6		
HITACHI	Zaxis 470	2.5	270	51.2	2		
HITACHI	Zaxis 490	2.5	296	52.2	5	5	
HITACHI	Zaxis 490	2.5	270	51.2	5	4	



Make	Type	Bucket capacity	Engine power	Operation weight	# in fleet	ULEm	Zero Emissions
HITACHI	Zaxis 530	25	296	52.2	3		
HITACHI	Zaxis 690	4	348	71.4	1	1	
HITACHI	Zaxis 870	4.5	397	86.2	13		
HITACHI	Zaxis 870	4.5	397	82.6	1		
HITACHI	Zaxis 870	4.5	360	85	12		
HITACHI	Zaxis 890	4.5	382	87.5	2	1	
HITACHI	EX1200	5.9	567	111	7	2	
HITACHI	EX2000	12	746	195	3		
KOBELCO	SK140	0.7	74	16.9	2		
KOMATSU	PC228	1.49	123	26.9	1	1	
KUBOTA	U25	0.1	16	2.5	1		
KUBOTA	U35	0.2	23	3.6	3		
KUBOTA	U36	0.2	18	3.9	4	4	
KUBOTA	U50	13	297	5	1		
KUBOTA	U55	2	32	5.6	1	1	
KUBOTA	U55	0.2	32	5.6	3		
KUBOTA	U56	0.2	47	5.5	5	5	
KUBOTA	KX027		18	2.5	1		
KUBOTA	KX080	0.5	39	8	9		
KUBOTA	KX085	0.25	46	8.5	4	4	
KUBOTA	KX101	0.2	23	3.6	2		
KUBOTA	KX161	0.4	34	5.4	2		
KUBOTA	KX71		22	3	1		
KUBOTA	KX91	0.2	23	3.6	2		
NEW HOLLAND	E50	0.3	32	5	1		
NEW HOLLAND	E85	0.35	42	8.3	1		
NEW HOLLAND	E135	0.7	74	13.5	1		
NEW HOLLAND	E235	1	118	26	1		
TEREX	TC16	0	13	1.6	1		
VOLVO	EC460	3.8	178	48	2		
VOLVO	EC360	2.5	220	41.5	2	2	

TRACKED EXCAVATORS - TRIPLE BOOM PELLES HYDRAULIQUES - FLÈCHES À TROIS PIÈCES



Make	Type	Bucket capacity	Engine power	Operation weight	# in fleet	ULEm	Zero Emissions
		m³	kW	tonnes			
HITACHI	Zaxis 225	0.8	122	23	2	2	
HITACHI	Zaxis 225	0.8	128.4	27.2	9	9	
HITACHI	Zaxis 350	1.4	210	37.5	2	2	
HITACHI	Zaxis 870	4.5	397	95	2		
KUBOTA	KX080	0.5	48	8.2	5	3	

SWAMP EXCAVATORS PELLES HYDRAULIQUES AMPHIBIE



Make	Type	Bucket capacity	Engine power	Operation weight	# in fleet	ULEm	Zero Emissions
		m³	kW	tonnes			
HITACHI	ZAXIS 350 LC-5	1.4	202	34.7	1		
HITACHI	MA200	0.5	122	22	1		

ELEVATED EXCAVATORS - STARFISH PELLES HYDRAULIQUES ÉLEVÉ - STARFISH



Make	Type	Engine power	Bucket capacity	Operation weight	# in fleet	ULEm	Zero Emissions
		kW	m³	tonnes			
HITACHI	MA200	122	0.46	130,000	1		
HITACHI	Zaxis 870	397	4.5	130,000	4		
HITACHI	Zaxis 890	382	4.5	87,500	1		



EXCAVATORS - MATERIAL HANDLER PELLES DE MANUTENTION

Make	Type	Bucket capacity	Engine power	Operation weight	# in fleet	ULEm	Zero Emissions
		m³	kW	tonnes			
HITACHI	Zaxis 470	2.5	270	55	2	1	
HITACHI	Zaxis 490	2.7	296	52	1	1	
SENNEBOGEN	880EQ		470	250	2		

WHEELED EXCAVATORS PELLES SUR PNEUS



Make	Type	Bucket capacity	Engine power	Operation weight	# in fleet	ULEm	Zero Emissions
		m³	kW	tonnes			
HITACHI	Zaxis 140W	0.45	100	16	5	4	
HITACHI	Zaxis 150W	0.92	105	16.4	5	5	
HITACHI	Zaxis 210W	1.2	122	21	1		
HITACHI	BX100		73	8.8	1		
KOMATSU	PW160	1	97	16	1		
LIEBHERR	LH60M		190		1		



GRADERS
NIVELEUSES



Make	Type	Engine power	Blade width	# in fleet	ULEm	Zero Emissions
		kW	m			
CATERPILLAR	14M	178	4.2	1		
VOLVO	G930	154	3.66	1		

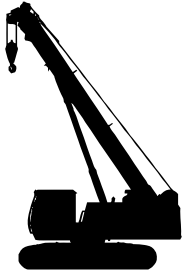
COMPACTORS
COMPACTEURS



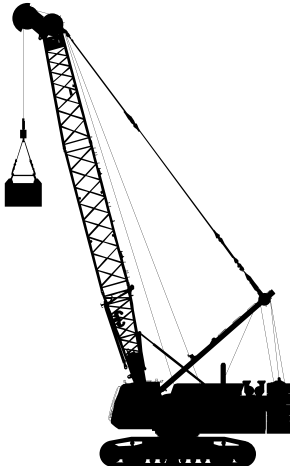
Make	Type	Engine power	Operation weight	# in fleet	ULEm	Zero Emissions
		kW	tonnes			
BOMAG	BW120	21	3	2		
BOMAG	BW213	119	15	2		
BOMAG	BW213	119	16	1	1	
BOMAG	BW219	140	19	3		
BOMAG	BW219	140	23	4	3	
BOMAG	BW226	150	27	5		
BOMAG	BW226	150	23	2		
CATERPILLAR	CS-533	97	11	6		



TELESCOPIC CRANES - TRACKS
GRUES TÉLESCOPIQUES - A CHÂÎNES



Make	Type	Max. load	Engine power	Operation weight	# in fleet	ULEm	Zero Emissions
		tonnes	kW	tonnes			
LIEBHERR	LTR1100	100	150	102	2	1	
SENNEBOGEN	613M	16	76	18	1		
SENNEBOGEN	630R	30	150	36	4		
SENNEBOGEN	643R	40	135	43	6		
SENNEBOGEN	653R	50	129	50	10	9	1
SENNEBOGEN	683R	80	168	83	1	1	
STARLIFT	CX-8T	8	42	9	2		

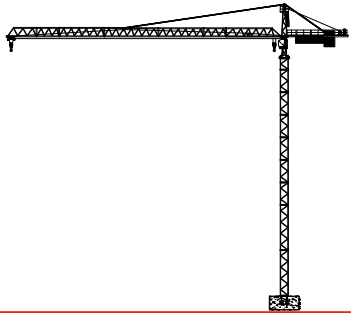


CRAWLER CRANES
GRUES DE LEVAGE

Make	Type	Max. load	Engine power	Operation weight	# in fleet	ULEm	Zero Emissions
		tonnes	kW	tonnes			
KOBELCO	CKE800	80	159	73.8	1		
LIEBHERR	HS8130	130	505	116	3	3	
LIEBHERR	HS8200	200	750	172	6	6	
LIEBHERR	HS895	175	670	172	7		
LIEBHERR	LR1160	160	230	167	1	1	
LIEBHERR	LR1250	125	225	910	1		1
LIEBHERR	LR1300	300	390	300	1	1	
LIEBHERR	LR1600	600	400	360	1		
SANY	SCC1000	100	183	90	1		
SANY	SCC500	55	127	35	2		
SUMITOMO	KH500	100	206	118.3	1		
SUMITOMO	SCX550	55	185	52.3	2		
SUMITOMO	SCX700	70	148	68.2	7		
SUMITOMO	SCX800	80	212	75	2	1	
SUMITOMO	SCX900	90	184	85	1		
SUMITOMO	SCX1000	100	209	104	1	1	
SUMITOMO	SCX1000	100	201	104	6	4	
SUMITOMO	SCX1500	150	201	139	5	1	
SUMITOMO	SCX1800	180	201	169	4	2	



TOWER CRANES
GRUES À TOUR



Make	Type	Max. load	Max reach	# in fleet	ULEm	Zero Emissions
		tonnes	m			
ARCOMET	T33	4	30	3		
CLUMA	CLUMA	40	40	2		
CLUMA	CLUMA	10	40	1		
LIEBHERR	85ECB	5	50	2		
LIEBHERR	110ECB	6	55	1		
LIEBHERR	154ECH	6	60	2		
LIEBHERR	200ECH	10	60	4		
LIEBHERR	202ECB	10	65	1		
LIEBHERR	245ECH	12	65	6		
LIEBHERR	250ECB	12	70	1		
LIEBHERR	280ECH	16	70	1		
LIEBHERR	280ECH	12	70	7		
LIEBHERR	340ECB	12	78	2		
LIEBHERR	420ECH	16	75	1		
LIEBHERR	470ECB	20	80	1		
POTAIN	MD1100	70	70	1		
STANDAERD	PORTAAL	32	60	1		
VAN HAAGEN	VAN HAAGEN	40	40	1		

TELESCOPIC HANDLERS
CHARIOTS TÉLESCOPIQUES



Make	Type	Engine power	Operation weight	Max. load	# in fleet	ULEm	Zero Emissions
		kW	tonnes	tonnes			
CATERPILLAR	TH414	75	10	4	2		
CATERPILLAR	TH417	75	12	4	1		
CATERPILLAR	TH460	75	10	4	1		
CATERPILLAR	TH514	75	11	5	16	6	
CATERPILLAR	TH560	75	11	5	2		
LIEBHERR	T60-9S	115	12	6	3		
LIEBHERR	T33-10S	105	9	3	4	4	
MANITOU	MRT2150+	115	18	5	1	1	
MANITOU	MTX733	70	7	3	12		
MANITOU	MRT2260	115	18	6	1	1	
MANITOU	MT1033	55	8	3	3	3	
MANITOU	MT1135	55	9	3.5	4	4	
MANITOU	MT-X 1840	74.5	11	4	1		
MERLO	P72.10	75	11	5	1		

TELESCOPIC CRANES - ROUGH TERRAIN
GRUES TÉLESCOPIQUES - TOUT TERRAIN



Make	Type	Max. load	Engine power	Operation weight	# in fleet	ULEm	Zero Emissions
		tonnes	kW	tonnes			
GROVE	RT530	30	116	25	2		
GROVE	RT540	35	119	28	2		
GROVE	RT650	45	129	33	2		
GROVE	RT760	55	179	39	2		
GROVE	RT765	60	179	40	1		
GROVE	RT880	68	205	50	2		
GROVE	RT890	80	205	60	4		
GROVE	GRT8100	100	205	55.7	3		
GROVE	RT9130	120	224	70	1		
LIEBHERR	GR-1000E	90	209	55	2	1	
LIEBHERR	LRT1090	90	188	55.5	3	1	
MANITOWOC	RT765	60	179	40	1		
TEREX	RT665	60	160	39	1		

MANOEUVRABLE VACUUM CLEANER
NUL-O-PLASTIC
ASPIRATEUR MANIABLE - NUL-O-PLASTIC

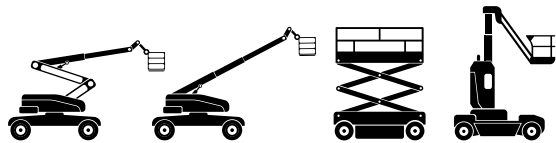


Make	Type	Payload	Engine power	Net weight	# in fleet	ULEm	Zero Emissions
		kg	kW	tonnes			
TENNANT OUT-DR&SIT-ON	R754EU4	2,100	74	3	1		

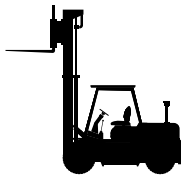




ELEVATED WORK PLATFORMS
NACELLES ELÉVATRICES



Make	Type	Max. reach	Operation weight	# in fleet	ULEm	Zero Emissions
		m	tonnes			
AICHI	SR12C	11.7	7.7	8		
AICHI	SR12C1SM	10.7	7.5	3	3	
AICHI	SR18A	18	13	4		
GENIE	AWP-305	9	0.16	1		1
GENIE	Z30	9.1	6.6	1		
GENIE	Z45	14	6.3	1		
GENIE	TZ50	15.09	2	1		
GENIE	Z51	15.62	7.2	3		
JLG	340AJ	12.33	4.4	1		
JLG	600SC	18.36	10	5		
JLG	1250AJP	40	21	1		
JLG	3246ES	9.68	2.8	2		
MANITOU	ATJ160	14.1	6	3		
MANITOU	ATJ160+	14.25	8	4		
MANITOU	ATJ160E	8	6.4	1		
MANITOU	TJ280	25.75	17	2		
SKYJACK	6832RTE	12	3.5	2		
UPRIGHT	X32	9.63	2.6	1		



FORKLIFTS
CHARIOTS ELÉVATEURS

Make	Type	Max. load	Engine power	Operation weight	# in fleet	ULEm	Zero Emissions
		tonnes	kW	tonnes			
BT	LSV1250/11	1.2	1	1.5	1		
BT	ORION P24	2.4		1	1		
CATERPILLAR	DP150	15	100	18	1	1	
COMBILIFT	C6000	6	74	11	3		
COMBILIFT	EL-4T	4		6	1		
COMBILIFT	EL-5T	5	24	7	1		
JUNGHEINRICH	DFG550	5	64	7.5	1		
JUNGHEINRICH	EFG S30	3	22	5.5	2		
JUNGHEINRICH	EFG S50	5	42	8	1		
JUNGHEINRICH	EJC110/250 ZT	1	1	0.8	2		
JUNGHEINRICH	EJCM10E	1		0.4	5		
JUNGHEINRICH	ERC 212 Z DZ470	1.6	2	1	1		
JUNGHEINRICH	ERC 216 Z DZ5250	1.6	2	1	4		
JUNGHEINRICH	ERC 216 Z ZT240	1.2	3	1	2		
JUNGHEINRICH	ERC 216 Z ZT280	1.6	3	1	1		
JUNGHEINRICH	ERC 216 Z ZT310	1.6	3	1	1		
JUNGHEINRICH	ERC 220 Z 480	2	3	1	1		
JUNGHEINRICH	ERC Z12		2	1.3	1		
JUNGHEINRICH	ERC Z16	0.7	2	1.6	2		
JUNGHEINRICH	ETV 216 Z 530 DZ	1.4	4	2	1		
JUNGHEINRICH	ETV116	1.6	10	2.2	2		
JUNGHEINRICH	ETVA16	1.6	6	3.6	1		
JUNGHEINRICH	ETVC20	2	6	3	1		
JUNGHEINRICH	ETVQ20	2	8	4.5	7		
JUNGHEINRICH	ETVQ25	2.5	24	4	3		
JUNGHEINRICH	DFG425	2.5	42	4.5	1		
KALMAR	DCD250	25	167	35	1		
KALMAR	DCE100	10	147	16	1		
KALMAR	DCE160	16	185	24	1		
KALMAR	DCG160	17	185	24	2		
KALMAR	LMV 5/500			6.5	1		
KALMAR	SMV 17-1200C	17	185	23.1	1		
KOMATSU	FD30	3	48	5	1		
MITSUBISHI	FD30NT	3	38	4.3	1		
TOYOTA	40-8FD50N	5	55	7	1		
TOYOTA	7FBRS15			2.5	1		
TOYOTA	8FD50N		56	7	1		
TOYOTA	9FBM30T	3		3.6	1		
TOYOTA	SPE160L			1	1		
TOYOTA	SPE200	2		1.2	1		
TOYOTA	SWE120	1.2		0.8	2		
UNICARRIERS	UFW250	2.5	22	6	1		



MOBILE COMPRESSORS
COMPRESSEURS MOBILES



Make	Flow rate	# in fleet	ULEm	Zero Emissions
ATLAS COPCO CONSTR	> 3m³ /m	44	19	
ATLAS COPCO CONSTR	<= 3m³ /m	90		
KAESER	> 3m³ /m	1		

ELECTRICAL POWER GENERATORS
GÉNÉRATRICE

Make	Output	# in fleet	ULEm	Zero Emissions
ATLAS COPCO CONSTR	10-15 kVa	7	1	
ATLAS COPCO CONSTR	15-30 kVa	10		
ATLAS COPCO CONSTR	30-100 kVa	26		
ATLAS COPCO CONSTR	> 100 kVa	23		
BARTH	15-30 kVa	1		
BOBININDUS	30-100 kVa	1		
BOBININDUS	> 100 kVa	2		
CATERPILLAR	15-30 kVa	24		
CATERPILLAR	30-100 kVa	81		
CATERPILLAR	> 100 kVa	35		
DENYO ISUZU	15-30 kVa	1		
DEUTZ	15-30 kVa	1		
EUROPOWER	10-15 kVa	2		
HATZ	10-15 kVa	1		
HATZ	15-30 kVa	1		
HIMOINSA	10-15 kVa	9		
HIMOINSA	15-30 kVa	8		
HIMOINSA	30-100 kVa	10		
HIMOINSA	> 100 kVa	2		
HONDA POWER	10-15 kVa	2		
JCB	30-100 kVa	1		
OLYMPIAN	15-30 kVa	2		
OLYMPIAN	> 100 kVa	3		
PERKINS	30-100 kVa	2		
PERKINS	> 100 kVa	1		
PRAMAC	10-15 kVa	1		
SDMO	30-100 kVa	1		
SDMO	> 100 kVa	1		

HYDRAULIC POWER PACKS
UNITÉS DE PUISSANCE HYDRAULIQUE



Make	Type	Max. flow	Engine power	# in fleet	ULEm	Zero Emissions	
		l/min	kW				
FUNDEX	FPP515	460	515	1	1		
FUNDEX	FPP585		585	1	1		
FUNDEX	FP460		272	1	1		
GOMUTEC	TAD550GE	120	85	1			
GOMUTEC	TAD1683	1008	596	1			
HYCOS	DHP225	350	225	1	1		
HYCOS	DHP350	370	262	1			
HYCOS	DHP75	110	75	1			
HYDROSAN	SF 64kW	110	65	1	1		
IHC	P460	460	328	1			
PTC	60HFV	800	560	1			
VAN HEMERT		46	26	52	2		
VAPO	HPU 111LPM	111	55	2			
VAPO	200GD	290	129	1			
	IHC P460		328	1			



CONCRETE PLANTS

Make	Type	# in fleet	ULEm	Zero Emissions
ARCEN	T60	1		
REIMER	P105	1		

CONCRETE PUMPS



Make	Type	# in fleet	ULEm	Zero Emissions
PUTZMEISTER	BSA1409	1	1	
PUTZMEISTER	BSA1413	1	1	
SCHWING	BP2000	1		
SCHWING	SP1800	2	2	
SCHWING	SP2800	2	2	
SCHWING	SP3800	2	1	
STS SCHELTZKE	MPC2800	1		
STS SCHELTZKE	MPS100	1		
STS SCHELTZKE	MPS110	3		
STS SCHELTZKE	MPS510	8		



GROUT MIXER PUMPS

Make	Type	# in fleet	ULEm	Zero Emissions
STS SCHELTZKE	MPC2800	1		
STS SCHELTZKE	MPS100	1		
STS SCHELTZKE	MPS110	3		
STS SCHELTZKE	MPS510	8		
TECNIWELL	TW5020	1	1	
TECNIWELL	TW700	1	1	
TECNIWELL	TWM40	1		
TECNIWELL	TWM50	1		
SOTRES	ONTZANDER D250-150	4		
SOTRES	MENGER 3.4m³/h	4		

VERTICAL DRAINS
WICK DRAIN RIG

Make	Type	# in fleet	ULEm	Zero Emissions
CETEAU	CTW-15	1		
CETEAU	CTW-25HV-3	4		
CETEAU	CTW-40HV-3	2		



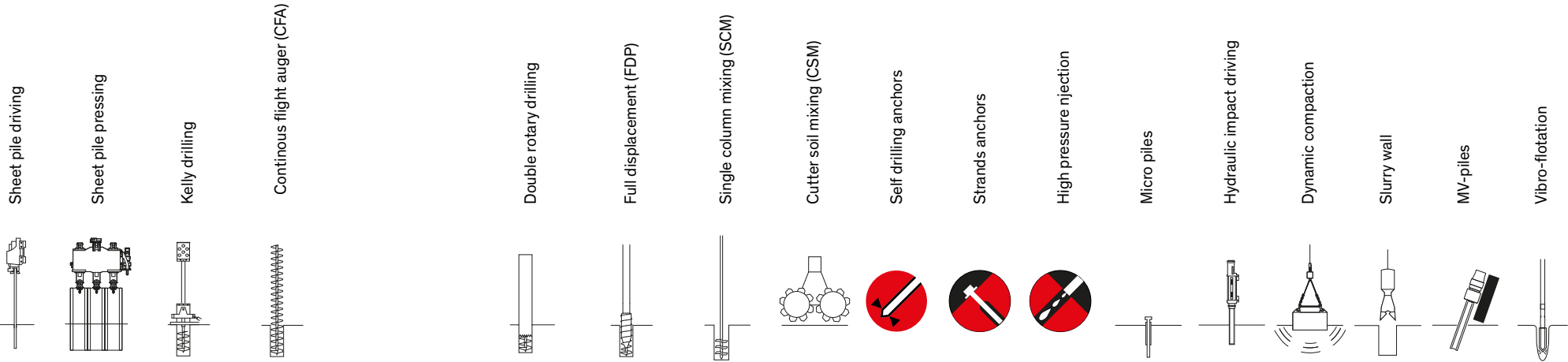
TRUCKS

Make	Type	Category	# in fleet	ULEm	Zero Emissions
GEOMIL	GRIZZLY 200 CLASSIC	CPT-systeem	1	1	
GEOMIL	PANTHER 200	CPT-systeem	3	3	
IVECO	AT380T38H 6X4	Tankwagen	3		
IVECO	AD190T38WH 4X4	Tankwagen	2		
IVECO	AD190T38WH 4X4	Inspectiewagen	2		
KÄSSBOHER	XS	Shuttle	4		
MAN	TGS 35.540	Containervrachtwagen	1	1	
MAN	TGM 15.250	Containervrachtwagen	1	1	
MAN	TGS 18.430	Tankwagen	1	1	
MAN	TGM 18.250	Tankwagen	4		
MAN	33.440 (6x6)	Werfvrachtwagen	1		
MAN	TGS 35.26.440 6x6H BL	Werfvrachtwagen	1	1	
MAN	TGS 35.520 8x4 BL CH	Werfvrachtwagen	1	1	
MAN	TGS 33.480 6x6 SA	Werfvrachtwagen	1	1	
MERCEDES BENZ	ACTROSS 4155	Containervrachtwagen	1	1	
MERCEDES BENZ	AROCS 3343AK	Containervrachtwagen	1	1	
MERCEDES BENZ	AROCS 2643	Containervrachtwagen	1		
MERCEDES BENZ	AXOR 3243	Containervrachtwagen	1		
MERCEDES BENZ	ACTROS 3341	Tankwagen	1		
MERCEDES BENZ	ACTROSS 3341 6x6	Werfvrachtwagen	1		
MERCEDES BENZ	ACTROS 3351 LS 6x4 LHD	Werfvrachtwagen	3	3	
MERCEDES BENZ	AROCS 4151 L 8X4/4 LHD	Werfvrachtwagen	1		
MERCEDES BENZ	ACTROS 2651	Werfvrachtwagen	1	1	
MERCEDES BENZ	ACTROS 3351	Werfvrachtwagen	1	1	
MERCEDES BENZ	ACTROS 3341A 6x6	Inspectiewagen	1		
MERCEDES BENZ	AROCS 3542 EURO 6D	Inspectiewagen	1	1	
SCANIA	G410 LB	Containervrachtwagen	2		





FOUNDATION EQUIPMENT
ÉQUIPEMENTS DE FONDATION



Base carrier	Make / Type	# in fleet	Weight	Engine power	Max. depth	Max. diameter	Sheet pile press		Drilling motor		SCM motor	CSM cutter	Drilling motor			Impact driver	Drop weight	Slurry wall grab
			tonnes	kW	m	mm												
Telescopic leader rig	ABI TM13/16	1	49	257	16	750	MRZV17VV	HPS			MDBA3500 MDBA4500							
Telescopic leader rig	BAUER RG19	2	64.5	563	19	520	MR125			DKS60/80 MB55		BCM5 BCM10						
Telescopic leader rig	BAUER RG21	1	76	563	21	520	MR125			DKS60/80 MB55		BCM5 BCM10						
Fixed leader rig	BAUER RG18	1	77.0	563	18	880	MR125			DKS100/200 DKS60/80 MB55		BCM5 BCM10						
Fixed leader rig	BAUER RG22	3	78.9	563	22	880	MR125			DKS100/200 DKS60/80 MB55		BCM5 BCM10						
Fixed leader rig	LIEBHERR LRB355	3	95.3	600	26	1500		BAT450		DBA300	DBA300 BAT450	TEC HT 7500						
Fixed leader rig	LIEBHERR LB36	1	100.6	390	65	1500		BAT410			BAT410							
Fixed leader rig	HITACHI KH500GLS	1	99	206	28											S150 S90		
Fixed leader rig	F3500 FUNDEX	2	120	220	40		FVE50 FVE40					TEC HT 7500				S150		
Fixed leader rig	F2800 FUNDEX	1	110	405	31		FVE50 FVE40									S90		
Crawler crane & swinging leader	LIEBHERR LR1300 + LRH600	1	48	400	49											S150 S90		S150
Crawler drill rig	KLEMM KR806	7	23	160 - 245	40	220							KD1215R KH22 KH39	KD1215R KH22 KH39	KH14SK	KD1215R KH22 KH39		
Crawler drill rig	KR807	1	26	245	40	220							KD1215R KH22 KH39	KD1215R KH22 KH39	KH14SK	KD1215R KH22 KH39		
Crawler drill rig	COMMACHIO MCF04	1	18	126	40	220							HD5012			HD5012		
Crawler drill rig	KR909	1	155	129	40	220							KD1215R KH22 KH39					
Drill rig attached to excavator	KLEMM KA140	2	9.8	130	30	150							KD511					
Slurry wall	LIEBHERR LBX600	1	71.2	348	54													K610 II JHO K1210 II HO HSWG800
HD crawler crane	HS8130	3	116	505												Dropweight	HSWG800	VF
Geothermie		3																



ATTACHMENTS
ACCESSOIRES

Attachment	Type	#	Weight	Most important specifications			ULEm	
			tonnes					
CSM Cutter	TEC HT7500	4		Max. torque = 750 kNm	Max. rpm = 35	Max. wall dimensions (LxW) = 2.8x1.2 m		
CSM cutter	BAUER BCM5	12	5.2 (w/o tube)	Max. torque = 57 kNm	Max. rpm = 35	Max. wall dimensions (LxW) = 2.4x1.0 m		
CSM cutter	BAUER BCM10	8	8.2 (w/o tube)	Max. torque = 100 kNm	Max. rpm = 30	Max. wall dimensions (LxW) = 2.8x1.2 m		
Drop weight		1	21	Outer diameter = 2.0 m	Height = 1.9 m			
Drilling motor	ABI MBA2250	1	0.65	Max. torque = 22.5 kNm	Max. rpm = 60			
Drilling motor	BAUER DKS60/80	1	5.3	Max. auger torque = 62 kNm	Max. casing torque = 83 kNm	Max. auger rpm = 66	Max. casing rpm = 48	
Drilling motor	BAUER DKS100/200	2	7.7	Max. auger torque = 100 kNm	Max. casing torque = 200 kNm	Max. auger rpm = 40	Max. casing rpm = 20	
Drilling motor	LIEBHERR DBA300	3	12.1	Max. auger torque = 150 kNm	Max. casing torque = 300 kNm	Max. auger rpm = 31	Max. casing rpm = 26	
Drilling motor	LIEBHERR BAT410	1	6.3	Max. torque = 410 kNm	Max. rpm = 37			
Drilling motor	LIEBHERR BAT450	2	6.5	Max. torque = 450 kNm	Max. rpm = 37			
Drilling motor	KLEMM KD1215R	6	0.53	Max. torque = 13.5 kNm	Max. rpm = 280	Blow freq. = 2,600/min	Blow energy = 500 Nm	
Drilling motor	KLEMM KH22	2	0.31	Max. torque = 24.5 kNm	Max. rpm = 203			
Drilling motor	EURODRILL HD5012	1	0.7	Max. torque = 14.1 kNm	Max. rpm = 208	Blow freq. = 2,300/min	Blow energy = 650 Nm	
Drilling motor	KLEMM KD511	2	0.27	Max. torque = 5.5 kNm	Max. rpm = 362	Blow freq. = 2,800/min	Blow energy = 400 Nm	
Drilling motor	KLEMM KH14SK	1	0.52	Max. torque = 14.5 kNm	Max. rpm = 243			
Drilling motor	KLEMM KH21	4	0.4	Max. torque = 14.4 kNm				
Drilling motor	FDE50	3	8.7	Max. torque = 500 kNm				
Hydraulic grab	HSWG800	1	23.1	Max. wall dimensions (LxW) = 2.8x1.2 m				
Hydraulic grab	HSG5 S-18	1						
Impact driver	IHC S90	1	10	Blow freq. = 46/min	Blow energy = 90 kNm			
Impact driver	IHC S150	1	23	Blow freq. = 44/min	Blow energy = 150 kNm			
Leader guided vibrator	BAUER MR125	3	5	Centrifugal force = 1,250 kN	Eccentr. moment = 0-22 kgm	Max. rpm = 2,300		
Leader guided vibrator	ABI MRZV17VV	1	3.4	Centrifugal force = 750 kN	Eccentr. moment = 0-17 kgm	Max. rpm = 2,600		
Mechanical grab	K610 II HD	3	20.7	Max. wall dimensions (LxW) = 2.8x1 m				
Mechanical grab	K810 II HD	2	23	Max. wall dimensions (LxW) = 2.8x1.2 m				
Mechanical grab	K1210 II HD	2	28	Max. wall dimensions (LxW) = 2.8x1.5 m				
Oscillator	VRM200KL	1	17					
Ring vibrator	FUNDEX FVE50	1	6.5					
Ring vibrator	FUNDEX FVE40	1	5					
SCM motor	ABI MDBA3500	1	1.4	Max. torque = 35 kNm	Max. rpm = 170			
SCM motor	ABI MDBA4500	1	1.4	Max. torque = 44 kNm	Max. rpm = 120			
SCM motor	BAUER MB55	1	3.5	Max. torque = 56 kNm	Max. rpm = 85			
Sheet pile press	ABI HPS	1	3.9	Press force = 3 x 600 kN	Pull force = 3 x 380 kN			
Trekframe	PE400-02	1	9	Press force = 400 t				



FREE HANGING VIBRO HAMMERS
MARTEAUX VIBRANTS SUSPENSION LIBRE

Vibro hammer	# in fleet	Clamp	Weight	Ecc. moment	Max. rpm	Power pack	ULEm
			tonnes	kg-m	rpm		tonnes
ICE815	1	PVE200T	10.1	46	1,570	ICE600RF	7.5
PTC10HFV	1	Agriplex 85t	3.2	0-10	2,300	PTC220	3.3
PTC20H6	1	Agriplex 170t	5.1	23	2,300	PTC450	5.5
PTC34	1	PTC240T	12	0-34	1,760	PTC34	9.5
PVE24VM	2	PVE150T	8.0	0-24	2,300	ICE525	6.8
PVE28VM	2	PVE200T	9.0	0-28	2,300	ICE600RF	7.5
PVE35VM	2	PVE350T	10.5	0-35	2,300	ICE1000RF	9.3
PVE40VM	1	PVE200T	10.7	0-40	2,000	PVE800	8.9
PVE2350VM	1	PVE350T	17	0-50	2,300	PVE1400M	13.2

EXCAVATOR MOUNTED VIBRO HAMMERS
MARTEAUX VIBRANTS MONTÉS SUR PELLES HYDRAULIQUES

Vibro hammer	Clamp	Weight	Ecc. moment	Max. rpm	ULEm
		tonnes	kg-m	rpm	
ICE8RF	60TU	3.4	0-7.5	2,300	
ICE428B	60TU	2.8	0-4.6	2,800	



TECHNICAL SPECIFICATIONS

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