MACHINERY AND EQUIPMENT FOR EARTHWORKS

WHEEL EXCAVATOR:	**LIEBHERR *A-310 B***

TECHNICAL SPECIFICATION

** Type:*	A-310 B
** Engine Power:*	58 kW
** Bucket Capacity:*	0,45 m^3
** Weight:*	11,4 t
** Overall dimensions:*	
- Length:	9,10 m
- Width:	2,55 m
- Height:	3,45 m
Unit:	1



Note: Made in Germany

CRAWLER EXCAVATOR:	**LIEBHERR *R-912***

TECHNICAL SPECIFICATION

** Type:*	R-912	R-912 Litronic
** Engine Power:*	90 kvt	90 kvt
** Bucket Capacity:*	1,4 m^3	1,4 m^3
** Weight:*	23,3 t	21,5 t
** Overall dimensions:*		
- Length:	9,38 m	9,4 m
- Width:	3,00 m	3,00 m
- Height:	2,96 m	3,18 m
Unit:	2	



Note: Made in Germany

CRAWLER EXCAVATOR:	**LIEBHERR *R-922***

TECHNICAL SPECIFICATION

** Type:*	R-922 Litronic
** Engine Power:*	106 kvt
** Bucket Capacity:*	2,0 m^3
** Weight:*	25,3 t
** Overall dimensions:*	
- Length:	9,60 m
- Width:	3,00 m
- Height:	3,30 m
Unit:	1



Note: Made in Germany

CRAWLER EXCAVATOR:	LIEBHERR *R-934 B / R-934 C*	
TECHNICAL SPECIFICATION		
* *Type:*	R-934 B HDSL	R-934 C-Litronic
* *Engine power:*	145 Kw	150 kW (203 PS)
* *Max speed:*	5,2 km/h	6,4 km/h
* *Bucket Capacity:*	0,8 m^3	1,95 m^3
* *Boom Length:*	17,5 m	6,5 m
* *Dimensions:*		
- *Length:*	10,4 m	10,4 m
- *Width:*	3,40 m	3,40 m
- *Height:*	3,13 m	3,13 m
Unit:	1	1
Note:	Made in Germany	



CRAWLER EXCAVATOR:	LIEBHERR *R-954*
TECHNICAL SPECIFICATION	
* *Type:*	R-922 Litronic
* *Engine Power:*	106 kvt
* *Bucket Capacity:*	3,0 m^3
* *Weight:*	49,3 t
* *Overall dimensions:*	
- *Length:*	9,60 m
- *Width:*	3,00 m
- *Height:*	3,30 m
Unit:	1
Note:	Made in Germany



CRAWLER EXCAVATOR:	LIEBHERR *R-964*
TECHNICAL SPECIFICATION	
* *Type:*	R-922 Litronic
* *Engine Power:*	106 kvt
* *Bucket Capacity:*	5,0 m^3
* *Weight:*	59,6t
* *Overall dimensions:*	
- *Length:*	9,60 m
- *Width:*	3,00 m
- *Height:*	3,30 m
Unit:	1
Note:	Made in Germany



CRAWLER EXCAVATOR:	DAEWOO *Solar 225LCV*

TECHNICAL SPECIFICATION	
* Model:	Solar 225LC-V
* Engine	DAEWOO DB58TIS
- Type:	Water Cooled 6 Cylinders
- Rated Output:	150 ps@1.950 m
- Maximum Torque:	61.5 kg m@1.400 m
- Power:	150 PS
* Weight:	21.500 kg
* Bucket Capacity:	0.90 m^3
* Arm:	2.9 m
* Boom:	1.87 m Lower + 3.8 m Upper
* Overall Dimensions:	
- L x W x H:	9.51 x 3.03 x 2.99 mm
Unit:	1



Note:	Made in South Korea

CRAWLER EXCAVATOR:	JCB *220 jc*

TECHNICAL SPECIFICATION	
* Engine	
- Model:	ISUZU BB-6BGIT
- Power (Net):	102 kW (138 hp)
* Operating pressure:	343 bar
* Boosted pressure:	373 bar
* Merged circuit flow:	294 l/min
* Hammer flow:	196 l/min
* Max. height of bucket pin:	7.8 m (2.4 m dipper)
* Weight:	22550 kg
* Bucket Capacity:	1.2 m^3
Unit:	2



Note:	Made in England

CRAWLER EXCAVATOR:	KATO *HD820 III*

TECHNICAL SPECIFICATION	
* Engine	
- Model:	Mitsubishi 6D31T
- Power (Net):	99 kW (135 hp)
* Operating weight:	19.500 kg
* Ground pressure:	43,1 kPa (0.44kgf/cm^2)
* Bucket Capacity:	0,8 m^3
* Arm:	3,92 m
* Boom:	5,63 m
* Overall Dimensions:	
- L x W x H:	9,49 x 2,82 x 2,91 mm
Unit:	1



BACKOE LOADER:	**CATERPILLAR *428-D***

TECHNICAL SPECIFICATION	
* *Model:*	428 D
* *Weight:*	7738 kg
* *Engine model:*	3054 t
- *Power:*	62 kW
- *Volume:*	4 L
* *Length of base:*	2100 mm
* *Rear bucket capacity:*	0,5 m^3
* *Front bucket capacity:*	2,0 m^3
* *Max. lifting capacity:*	3388 kg
* *Max. loading height:*	3321 mm
* *Overall dimensions:*	
- *L x W x H: (mm)*	5760 x 2396 x 3740
Unit:	2



Note:	Made in USA

BACKOE LOADER:	**VOLVO *BL61***

TECHNICAL SPECIFICATION	
* *Gross Power:*	SAE: 64 kW / 86 HP
* *Net Power:*	EEC 80/1269: 62kW / 83 H
* *Operating Weight:*	8496 kg
* *Bucket Capacities:*	
- *Loader:*	1000 l / 1 m^3
- *Backhoe:*	200 l / 0.2 m^3
* *Max Digging Depth:*	4300-5370 mm
Unit:	1



Note:	Made in Belgium

CRAWLER EXCAVATOR:	**CATERPILLAR *324 D***

TECHNICAL SPECIFICATION	
* *Model:*	CAT 324 D
* *Engine Power:*	169 HP
* *Engine Model:*	CAT C7 diesel
* *Operating Weight:*	25500 kg
* *Bucket Capacity:*	1,61 m^3
* *Overall Dimensions:*	
- *L x W x H: (mm)*	10.0 x 3.2 x 3.4 m
Unit:	1



PIPE LAYER:	**LIEBHERR *RL 22 B***

TECHNICAL SPECIFICATION	
* *Type:*	RL-22B Litronic
* *Engine power:*	97 kW / 132 HP
* *Carrying capacity:*	21.2 t
* *Weight:*	20.5 t
* *Ground Pressure:*	0.48 kg/sm^2
* *Overall dimensions:*	
- *Length:*	4.175 m
- *Width:*	2.980 m
- *Height:*	3.265 m
Unit:	2



Note:	Made in Great Britain

BULLDOZER:	**LIEBHERR *PR-732***

TECHNICAL SPECIFICATION	
* *Model:*	PR 732
* *Engine power:*	132 kW (180 hp)
* *No. of cylinders:*	V-6
* *Blade Capacity:*	5 m^3
* *Operating Weights:*	17,150 T
* *Ground Pressures:*	0,63 kg/cm^2
* *Overall Dimensions:*	
- *Length:*	5110 mm
- *Width:*	1350 mm
- *Height:*	3240 mm
Unit:	1



Note:	Made in Germany

WHEEL LOADER:	**LIEBHERR *L-551***

TECHNICAL SPECIFICATION	
* *Model:*	L-551
* *Engine Power:*	137 kW
* *Weight:*	17.3 t
* *Bucket Volume:*	4 m^3
Unit:	1



Note:	Made in Germany

WHEEL LOADER:	LIEBHERR *L-522*

TECHNICAL SPECIFICATION

* Model:	L-522
* Engine:	DEUTZ - Diesel
- Type:	BF 4L913
- No. of cylinders:	4
- Power:	74 kW
* Operating Weight:	8,9 t
* Bucket Volume:	1,6 m^3
Unit:	1



Note: Made In Germany