

# MACHINERY FLEET

## July 2021



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OSSA, a leading company in the underground works sector, was founded in Spain in 1952 as a family firm engaged in mining.

Thanks to over 65 years of continuous specialisation and innovation, OSSA has gained international standing in the design and construction of extremely complex underground projects. We manage all types of projects, even those where the geology is adverse, the location is remote or the conditions are harsh. Our performance excellence, efficiency and the quality of our projects are world-renowned. The company has a presence in over 17 countries today and is established in, among others, Chile, Peru, México and Israel.

OSSA has gained experience in highly varied works typologies and specialises in all types of underground works. OSSA has completed over 930 km of tunnels, 75 km of shafts, and 800,000 m<sup>3</sup> of caverns. We use all underground excavation techniques, in particular the New Austrian Tunnelling Method, whether the drill & blast method or the mechanical method, or the use of TBM equipment.

OSSA owns a large fleet of specialised underground work machinery, enabling us to rapidly respond and guarantee execution deadlines of all ongoing projects.

**OSSA, over 65 years shaping pathways underground.**

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## JUMBO

Description	Manufacturer	Model	No.
<b>JUMBO</b>	<b>EPIROC</b>	BOOMER 282	7
		ROCKET L2C	6
		XE3C 22HD+	1
		XE3C C18	1
		XL3C	6
		E2C22HD+	1
		XE3C	2
		BOOMER M2C	2
		BOOMER S2	6
		BOLTEC MC	1
	<b>BOART</b>	R-21	1
	<b>DEILMANN-HANIEL</b>	BFR 2-305KV	1
		BTR 2-305KV	2
	<b>SANDVIK</b>	DT821-SC	1
	<b>TAMROCK</b>	AXERA T-08 S-390C	1
AXERA T11		1	
MINIMATIC 205-40		1	
PARA 206-90		1	
<b>DRILLING RIG</b>	<b>INGERSOLL-RAND</b>	ECM570/HC80R	1
<b>Total</b>			<b>43</b>

# SHOTCRETE MACHINE

Description	Manufacturer	Model	No.
SHOTCRETE MACHINE	EPIROC	MEYCO VERSA	2
	PUTZMEISTER	SIKA PM-500	6
		SIKA PM-500 PC	9
		SIKA PM-500 PC WETKRET	7
		SPM-4210 PC WETKRET	2
		WETKRET WKM-102	1
		WETKRET 4	2
		WETKRET 4 KV2	3
		WKM-133	1
<b>Total</b>			<b>33</b>

## MACHINERY FLEET 2021

# ELEVATED PLATFORM

Description	Manufacturer	Model	No.
FORKLIFT	MANITOU	M50.4RM	1
	UNICARRIERS	MX-30L	1
TELEHANDLER	MANITOU	MHT-10180	1
		MRT-1840	1
		MT-1030 ST	3
		MRT-X-1440	5
		MRT-1542M	1
		MRT-1640	2
		MRT-X-1640	1
		MRT-1650	2
		MRT-1742M	5
		MT-X-1033	4
		MRT 1850 PRIVILEGE	1
ELEVATED PLATFORM	NORMET	CH.9910BC ANX 1000	1
		HIMEC 9910B REX	3
<b>Total</b>			<b>32</b>

## MACHINERY FLEET 2021

# LOADER

Description	Manufacturer	Modelo	No.
FRONT LOADER	CATERPILLAR	950 H	2
	DEILMANN-HANIEL	M-412	2
	EIMCO	21	1
	EPIROC	ST-1030	15
		ST14	1
	GHH	LF-12-1F	1
		LF-10	2
	WAGNER	ST-6C	2
		ST-8A	1
	EXCAVATOR AND LOADER	SCHAEFF	ITC 112
BACKHOE EXCAVATOR	DOOSAN	DX140W	2
<b>Total</b>			<b>30</b>

# DUMP TRUCK

Description	Manufacturer	Modelo	No.
DUMP TRUCK	EPIROC	MT2010	2
		MT2200	5
		MT436	1
	CATERPILLAR	730	3
	MAN-GHH	MK-A20	4
		MK-A25.2	1
<b>Total</b>			<b>16</b>

# TUNNEL BORING MACHINE

Description	Manufacturer	Model	No.
TBM	LOVAT		1
	CATERPILLAR/LOVAT	RME314SE	1
<b>Total</b>			<b>2</b>



# ROADHEADER

Description	Manufacturer	Model	No.
ROADHEADER	TEREX	WS-90N	1
	TEREX	WS-90	1
	WIRTH	PAURAT T3.20	1
<b>Total</b>			<b>3</b>

# GENERATOR

Description	Manufacturer	Model	No.
GENERATOR	ATLAS COPCO	QAS500	1
		QAS325	2
		QAS325VD	4
	CATERPILAR	3412 PGBI	3
		3412PKG	1
	CYMASA	CYDLE.P40-I	2
		JME.P60-I	1
		MTLE P810-I	3
	ELECTRA MOLINS	EMV-400	1
		EMV-550	6
		EMZ-560	2
	GENESAL	GEN 650-V-C TAD 1641GE	2
		GEN 110KVA	1
		GEN 220KVA	1
		GEN 440FC	1
		GEN 640VC	2
		GEN 800VC	2
	GESAN	DPWAS-60 E LS	1
		DVS-150 LS	1
	OLYMPIAN	GEH220-2	1
GEP150-2		1	
PETBOW	MONZA	1	
<b>Total</b>			<b>40</b>

# COMPRESSOR

Description	Manufacturer	Model	No.
COMPRESSOR	ATLAS COPCO	GA55PLUS	2
		GA 90AP	1
	I.RAND	SSR-110	1
		SSR-ML-110	10
		SSR-ML-150	1
		SSR-ML-75	1
	KAESER	CSDX 165	1
PORTABLE COMPRESSOR	I.RAND	EURO 30	2
	OSSA	LE-9	1
	PUSKA	650-300	1
<b>Total</b>			<b>21</b>

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## FAN

Description	Manufacturer	Model	No.
FAN	COGEMACOUSTIC	T2.160 132 KW	1
		T2.180.200.4	2
		T2.2-140.4	1
		T2-125 110.4	2
		T3 110	1
	CONAU	V1-1700	1
	SUMIVENT	V2-1080	2
		V2-1400	2
		CONAU V2-810	1
	ZITRON	2-GEL 9/75/2"	1
		3-GEL 9-75	3
		GEL 9-75/2	2
		ZVN 1-12-75/4	2
		ZVN 1-14-55/4	2
		ZVN 1-14-75/4	2
		ZVN 1-14-110/4	2
		ZVN 1-14-90/4	1
		ZVN 1-16-110/4	3
		ZVN 1-16-132/4	3
	ZVN 1-18-200/4	5	

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## FAN

Description	Manufacturer	Model	No.
AXIAL FAN	COGEMA	VCI 30	2
	COGEMACUSTIC	T2.90.2X86.2	2
	GRUBER	AXI-560	1
		H-100-4	1
	GRUBER-SULZER	PV-56	1
	JOY-AXIVANE	20736/MNCV	1
	KORFMAN	ESN9-750/180	2
	MASA	10 E2G50	1
		12 EN 100	1
		6 EN 7	1
		7 EN 22	2
		7 EN 30	3
		GEL 822	1
		MT-SD 100 II	1
		MOLVISA	MH618OTR
	SUMIVENT	V2-585	2
	TURMAG	DEL 5-4	3
		DEL 6-11 F	1
		DEL 6-15	2
		DEL 6-15 AF	4
DEL 8-37 AF		3	
	GEL 6-11	1	

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## FAN

Description	Manufacturer	Model	No.
AXIAL FAN	TURMAG	GEL 7-22	1
		GEL 7-30	2
		GEL 8-30	2
		GEL 9-45	1
	VIGRUMA	H-125	2
	WOODS	48J 1/2 JR	5
	ZITRON	2-GEL 9-37/2	1
		GEL 9-37/2	1
		GEL 9-55	2
	<b>Total general</b>		

# CONCRETE PUMP

Description	Manufacturer	Model	No.
CONCRETE PUMP	CIFA	PC 709/415	1
	SEBHSA	BE 1203 S	1
		BE 3707	2
		BE 1403	2
	SCHWING	SP-1000E	1
		SP-750-18E	2
		SP-750-15E	1
<b>Total</b>			<b>10</b>

# CONCRETE MIX TRUCK

Description	Manufacturer	Model	No.
CONCRETE MIX TRUCK	M.LORENZANA	HURON-4 EC	1
	FIORI	DB 260 CBV	2
	MERCEDES	2423 B36	1
	PUTZMEISTER	MIXKRET 4	4
<b>Total</b>			<b>8</b>





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