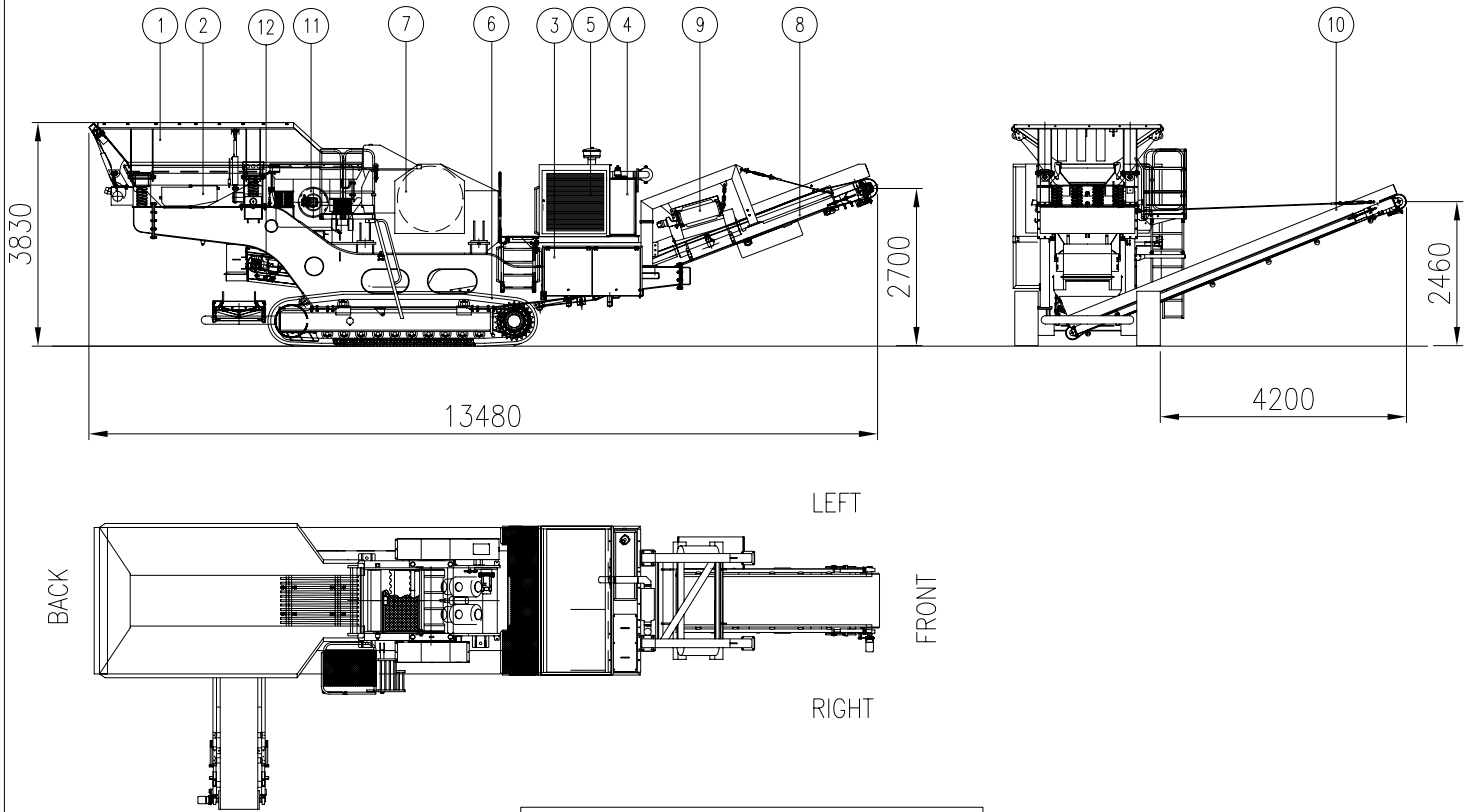
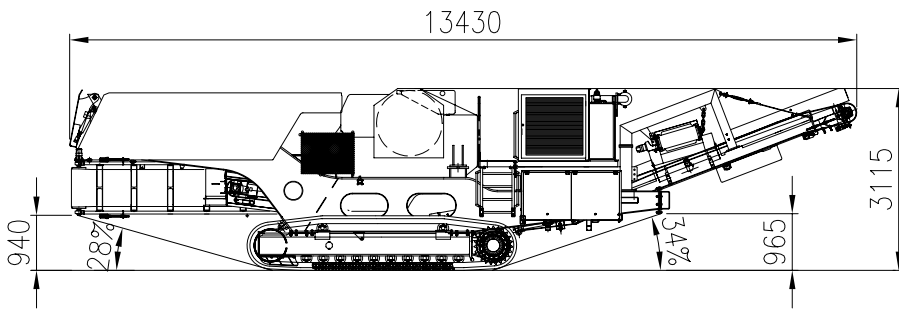


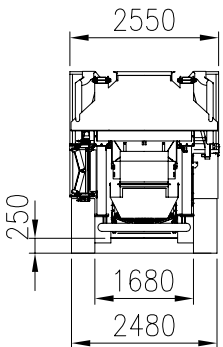
# OM CRUSHER APOLLO



OVERALL DIMENSIONS



TRANSPORT DIMENSIONS



12	Reversible Belt Conveyor
11	Screen Bars
10	Side Belt Conveyor
9	Magnetic Separator
8	Main Belt Conveyor
7	Jaw Crusher
6	Crawlers
5	Power Unit
4	Oil Tank
3	Control panel
2	Vibrating Feeder
1	Loading Hopper
Description	

		MODIFICATO			
		D	C	A	DATA
00		ZADD L.	DM	CC	31/01/05
01		VOLPATO F.	SA	GR	13/04/06
02		ARTUSI A.	SA	DF	06/12/07
03					
04					
COMM. N°		FOLIO N°	SOST. IL. DIS. N°	SCALIA	DISEGNO N°
PEZZI N°		PESO UNITARIO	SOST. DAL. DIS. N°		TK164.AJ.002.EN.02

The specification are not binding and Officine Meccaniche di Ponzano S.p.A. company reserves the right to introduce modifications without notice

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## OM CRUSHER APOLLO

BASIC VERSION			
[°]	<b>Max output</b>	[ton/h]	<b>280</b>
[°]	<b>Min output</b>	[ton/h]	<b>35</b>
<i>N.B.: The output is variable according to feeding material type and CSS</i>			
	<b>Feeding size</b>	[mm]	<b>0/600</b>
	<b>Total weight without optionals</b>	[ton]	<b>39,5</b>
<b>1.01</b>	<b>Feeding</b>	[mm]	<b>925x2800</b>
	blind deck		
	<b>Double deck vibrating screen</b>	[mm]	<b>965x1420</b>
	top deck bars grid spacing min - max	[mm]	<b>30 - 45</b>
	bottom deck mesh - spacing	[mm]	<b>25</b>
<b>1.02</b>	<b>Feeding self-adjustment</b>		
<b>1.03</b>	<b>Loading hopper</b> (geometric capacity)	[mc]	<b>4</b>
	cylinder set for hydraulic folding hopper		
<b>1.04</b>	<b>Reversible belt conveyor</b>	[m]	<b>0,8x1,27</b>
	Belt width	[mm]	<b>800</b>
	Drums longitudinal centres	[mm]	<b>1270</b>
<b>1.05</b>	<b>Crushing</b>		
	Jaw crusher with hydraulic management (adjust and realase)		<b>FP106</b>
	Feed opening	[mm]	<b>1050x730</b>
	Close side setting C.S.S.	[mm]	<b>35 - 145</b>
■	Over range electronic setting	[mm]	<b>75 - 145</b>
	Jaw crusher weight	[ton]	<b>15,4</b>
	12Mn2Cr Toothed static jaw, height	[mm]	<b>1325</b>
	12Mn2Cr Toothed swing jaw, height	[mm]	<b>1535</b>
<b>1.07</b>	<b>Main belt conveyor</b>	[m]	<b>0,9x9,35</b>
	Belt width	[mm]	<b>900</b>
	Drums longitudinal centres	[mm]	<b>9350</b>
	Discharge height	[mm]	<b>2700</b>
<b>1.08</b>	<b>Power unit</b>		
	6 - Cylinder oversupplied diesel engine		<b>0</b>
	Power at 2100 rpm	[kW]	<b>186</b>
<b>1.09</b>	<b>Crawler</b>		
	Crawler track width	[mm]	<b>400</b>
	Crawler longitudinal centres	[mm]	<b>~ 3800</b>
<b>1.10</b>	<b>Dust suppression system</b>		
<b>1.11</b>	<b>Magnetic separator with mechanical and hydraulic prearrangement</b>		
<b>1.12</b>	<b>Unit control</b>		
	PLC control with LCD screen		
	Non Stop System NSS		
	umbilical control		

## OM CRUSHER APOLLO

### VARIANTS

<b>4.01</b>	<b>12Mn2Cr Flat static jaw</b>		
<b>4.03</b>	<b>Bars grid</b>		
	Opening min - max	[mm]	<b>20 - 50</b>
	Opening min - max	[mm]	<b>40 - 75</b>
<b>4.04</b>	<b>Punched plate with frame</b>		
	diamond hole - size / thickness	[mm]	<b>40 - 15</b>
	diamond hole - size / thickness	[mm]	<b>50 - 15</b>
	diamond hole - size / thickness	[mm]	<b>70 - 20</b>
<b>4.05</b>	<b>Anti-clogging wire mesh</b>	[mm]	<b>30</b>
<b>4.06</b>	<b>Folding main belt conveyor with cylinder set</b>	[m]	<b>0,9x10,41</b>
	Belt width	[mm]	<b>900</b>
	Drums longitudinal centres	[mm]	<b>10415</b>
	Discharge height	[mm]	<b>3100</b>
	Overall dimensions with TN 4.06 - transport configuration		
	Length	[mm]	<b>13430</b>
	Width	[mm]	<b>2500</b>
	Height	[mm]	<b>3115</b>
<b>4.09</b>	<b>Configuration without magnetic separator</b>		

## OM CRUSHER APOLLO

OPTIONALS			
<b>7.01</b>	<b>Side belt conveyor with mechanical prearrangement</b>	[m]	<b>0,65x6</b>
	Belt width	[mm]	<b>650</b>
	Drums longitudinal centres	[mm]	<b>6000</b>
	Discharge height	[mm]	<b>2460</b>
	Weight	[kg]	<b>1150</b>
<b>7.02**</b>	<b>Radio remote control Level 1</b>		
	(Vibrating feeder start/stop; screen start/stop; emergency stop; warning siren)		
	Weight	[kg]	<b>2</b>
<b>7.03**</b>	<b>Radio remote control Level 2</b>		
	(Vibrating feeder start/stop; screen start/stop; tracks control and start/stop; reversible belt conveyor start/stop; main belt conveyor adjustment; emergency stop; warning siren; side walls movement)		
	Weight	[kg]	<b>2</b>
<b>7.04*</b>	<b>Stock pile radial conveyor</b>	[m]	<b>0,8x10</b>
	Belt width	[mm]	<b>800</b>
	Drums longitudinal centres	[mm]	<b>10000</b>
	Discharge height	[mm]	<b>4500</b>
	With short sides		
	(To complete with 7.05 and 7.06)		
	Weight	[kg]	<b>2670</b>
<b>7.05</b>	<b>Discharge hopper from OM CRUSHER to stock pile radial conveyor</b>		
	Weight	[kg]	<b>117</b>
<b>7.06**</b>	<b>Pump for stock pile radial conveyor</b>		
	Weight	[kg]	<b>32</b>
<b>7.08</b>	<b>Automatic greasing system</b>		
	Weight	[kg]	<b>6</b>
<b>7.11</b>	<b>Gasoil filling pump</b>		
	Weight	[kg]	<b>10</b>
<b>7.12</b>	<b>Water pump for dust suppression system</b>		
	Weight	[kg]	<b>22</b>

[°] The output is based on crushing dry calcareous bulk with appropriate size, having specific weight of 1,6 t/m<sup>3</sup> and 150 MPa compression strength resistance. Bulk waste material will tend to change considerably the output in relation to its conditioning, size and quantity of metallic components contained.

■ For material having compression strength resistance exceeding 200 MPa the crusher automatically runs in "Over Range" configuration. In this case contact OM Technical Department.

\* Components transported separately

\*\* Alternative optionals (cannot be operated simultaneously)

**N.B.:** Availability of chosen variants and optionals must always be checked up

The specifications are not binding.

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