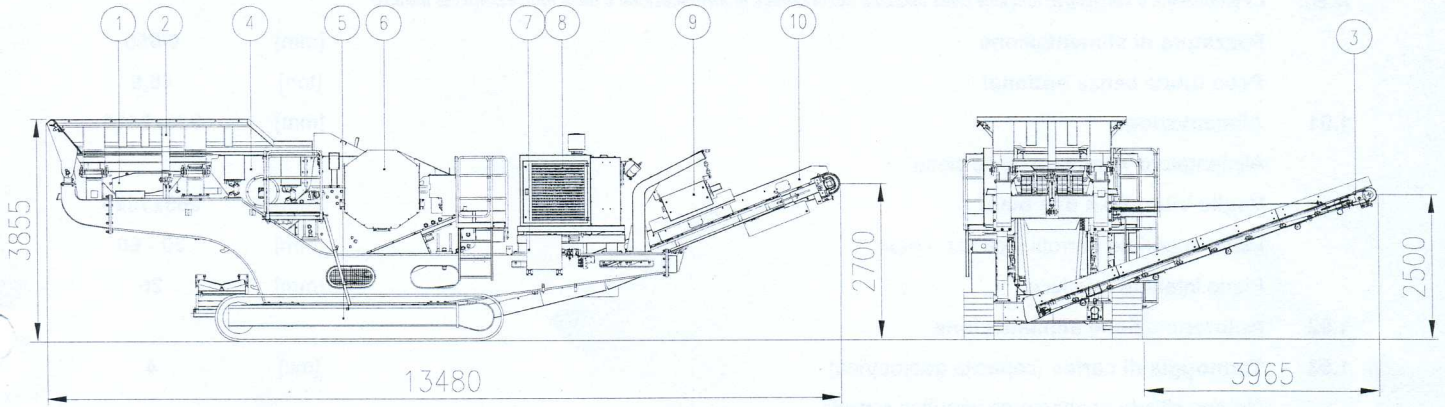
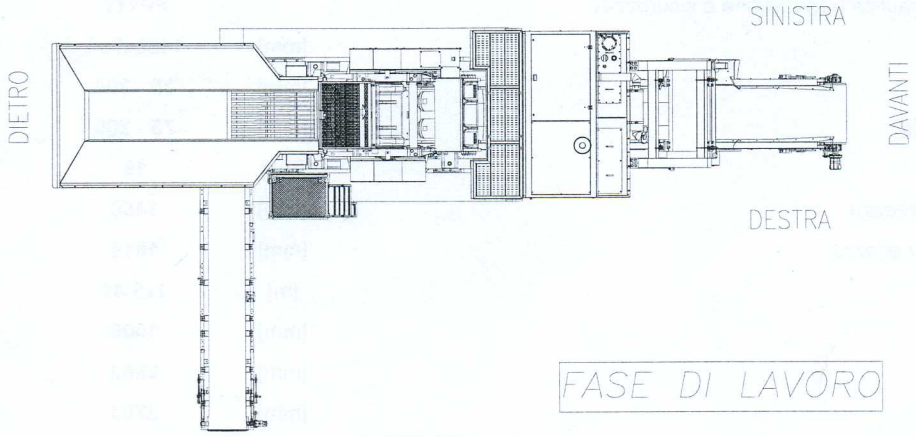
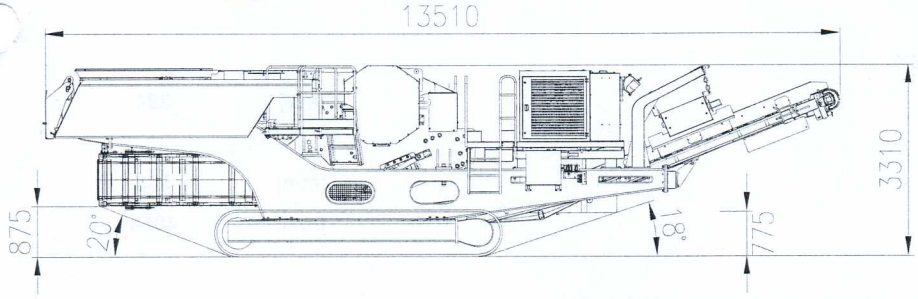
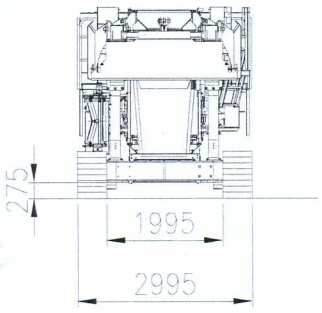
# OM CRUSHER APOLLO plus




FASE DI LAVORO




FASE DI TRASPORTO

| | |
|---|---|
| 10 | Nastro trasportatore principale |
| 9 | Separatore magnetico |
| 8 | Gruppo Potenza |
| 7 | Quadro Comandi |
| 6 | Frantoio |
| 5 | Carro Cingolato |
| 4 | Vaglio a Barrotti |
| 3 | Nastro trasportatore laterale (OPT) |
| 2 | Tramoggia di Carico |
| 1 | Alimentatore Vibrante |
| | Descrizione |

OFFICINE MECCANICHE DI PONZANO VENETO SPA
31050 Ponzano Veneto – Treviso – ITALIA

OM CRUSHER
APOLLO plus

| MODIFICATO D | C | A | DATA |
|---|---|---|---|
| 00 SERENA | DMV | DT | 28/03/08 |
| 01 | | | |
| 02 | | | |
| 03 | | | |
| 04 | | | |

| COMM.N° | FOGLIO N° | SOST. IL DIS. N° | SCALA |
|---|---|---|---|
| PEZZI N° | PESO UNITARIO Kg | SOST.DAL DIS. N° | DISEGNO N° TK165.AJ.000.IT.00 |

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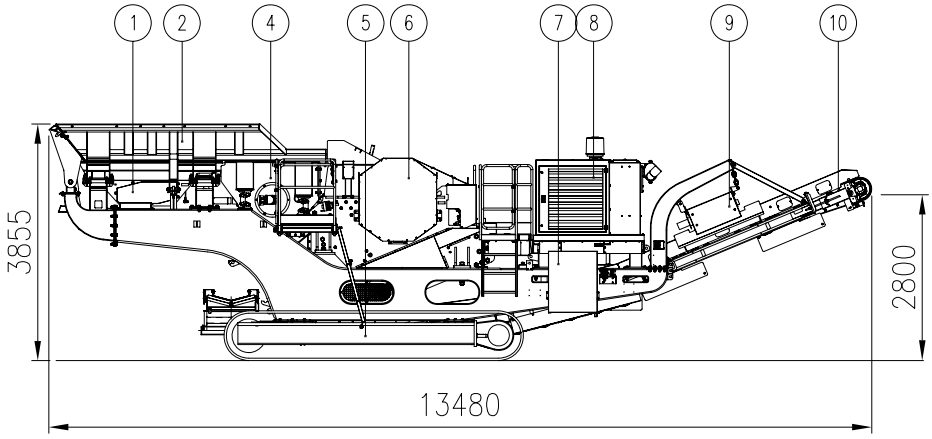
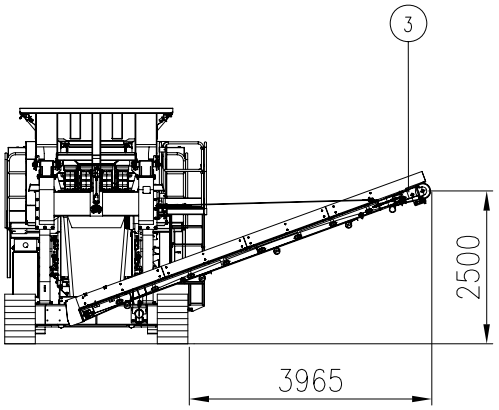
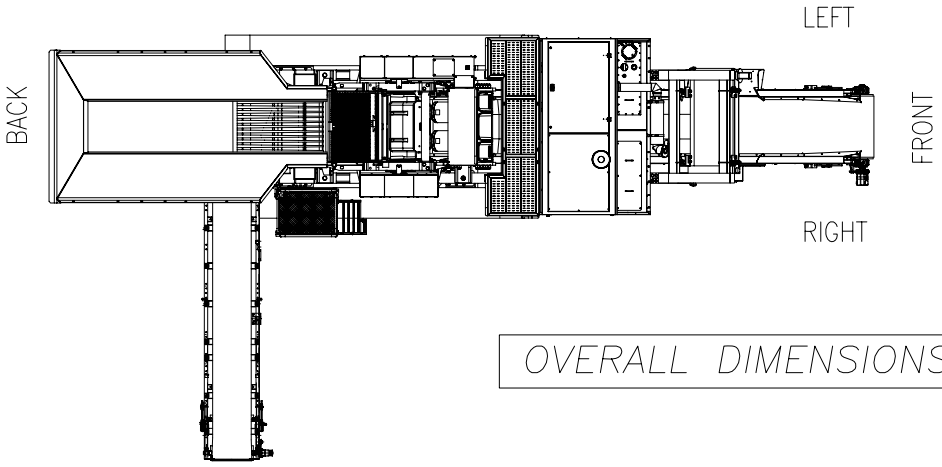
# OM CRUSHER APOLLO plus

| | MACCHINA BASE | | |
|---|---|---|---|
| [°] | **Produzione massima** | [ton/h] | **360** |
| [°] | **Produzione minima** | [ton/h] | **60** |
| *N.B.:* | *La produzione è variabile in funzione della tipologia del materiale in alimentazione e della regolazione del frantoio* | | |
| | **Pezzatura di alimentazione** | [mm] | **0/650** |
| | **Peso totale senza optional** | [ton] | **46,9** |
| 1.01 | **Alimentazione** | [mm] | **925x2415** |
| | Alimentatore vibrante a piano cieco | | |
| | **Vaglio vibrante a due piani** | [mm] | **965x1620** |
| | Piano superiore barrotti luce min - max | [mm] | **30 - 60** |
| | Piano inferiore rete luce | [mm] | **25** |
| 1.02 | **Autoregolazione alimentazione** | | |
| 1.03 | **Tramoggia di carico** (capacità geometrica) | [mc] | **4** |
| | Gruppo cilindri ribaltamento idraulico sponde | | |
| 1.05 | **Frantumazione** | | |
| | Frantoio a mascelle a gestione idraulica (regolazione e sicurezza) | | **FP117** |
| | Dimensioni bocca di carico | [mm] | **1100x750** |
| | Regolazione scarico C.S.S. | [mm] | **35 - 200** |
| ■ | Dispositivo Over Range elettronico | [mm] | **75 - 200** |
| | Peso frantoio | [ton] | **19** |
| | Mascella fissa dentata 12Mn2Cr altezza | [mm] | **1450** |
| | Mascella mobile dentata 12Mn2Cr altezza | [mm] | **1618** |
| 1.07 | **Nastro trasportatore principale** | [m] | **1x9,41** |
| | Larghezza tappeto | [mm] | **1000** |
| | Interasse tamburi | [mm] | **9682** |
| | Altezza scarico | [mm] | **2700** |
| 1.08 | **Motorizzazione** | | |
| | Motore diesel 6 cilindri sovralimentato | | |
| | Potenza a 2200 rpm | [kW] | **224** |
| 1.09 | **Carro cingolato** | | |
| | Larghezza suola cingolo | [mm] | **500** |
| | Interasse ruote carro cingolato | [mm] | **4085** |
| 1.10 | **Impianto abbattimento polveri** | | |
| 1.11 | **Separatore magnetico con predisposizione meccanica ed idraulica** | | |
| 1.12 | **Unità di controllo** | | |
| | PLC di controllo con schermo LCD | | |
| | Non Stop System NSS | | |
| | Filocomando | | |

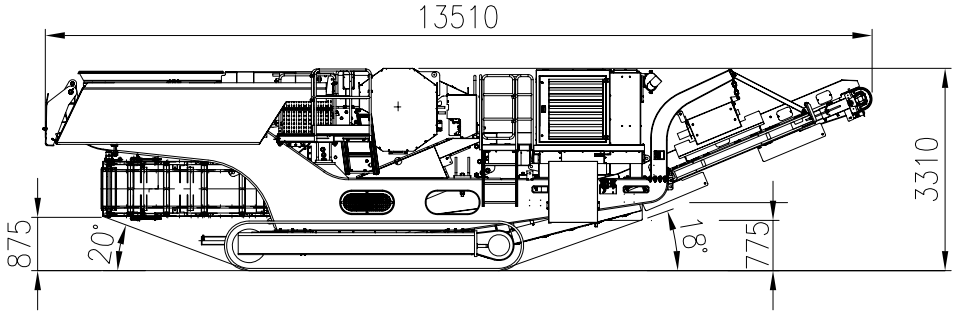
# OM CRUSHER APOLLO plus

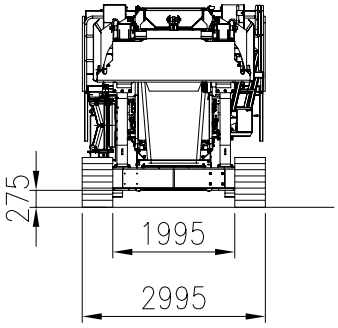



## OVERALL DIMENSIONS




## TRANSPORT DIMENSIONS

| | |
|---|---|
| 10 | Main Belt Conveyor |
| 9 | Magnetic Separator |
| 8 | Power Unit |
| 7 | Control panel |
| 6 | Jaw Crusher |
| 5 | Crawlers |
| 4 | Screen |
| 3 | Side Belt Conveyor (OPT) |
| 2 | Loading Hopper |
| 1 | Vibrating Feeder |
| | Description |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31050 Ponzano Veneto – Treviso – ITALIA


OM CRUSHER
APOLLO plus

| | D | C | A | DATA |
|---|---|---|---|---|
| 00 | SERENA | DMM | GF | 28/03/08 |
| 01 | ARTUSI | DMM | GF | 24/07/08 |
| 02 | | | | |
| 03 | | | | |
| 04 | | | | |

MODIFICATO

| COMM.N° | FOGLIO N° | SOST. IL DIS. N° | SCALA |
|---|---|---|---|
| PEZZI N° | PESO UNITARIO kg | SOST.DAL DIS. N° | |

DISEGNO N° TK165.AJ.000.EN.01

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# OM CRUSHER APOLLO plus

| | BASIC VERSION | | |
|---|---|---|---|
| **[°]** | **Max output** | [ton/h] | **360** |
| **[°]** | **Min output** | [ton/h] | **60** |
| ***N.B.:*** | *The output is variable according to feeding material type and CSS* | | |
| | **Feeding size** | [mm] | **0/650** |
| | **Total weight without optionals** | [ton] | **47** |
| **1.01** | **Feeding** | [mm] | **925x2415** |
| | blind deck | | |
| | **Double deck vibrating screen** | [mm] | **965x1620** |
| | top deck bars grid spacing min - max | [mm] | **30 - 60** |
| | bottom deck mesh - spacing | [mm] | **25** |
| **1.02** | **Feeding self-adjustment** | | |
| **1.03** | **Loading hopper** (geometric capacity) | [mc] | **4** |
| | cylinder set for hydraulic folding hopper | | |
| **1.05** | **Crushing** | | |
| | Jaw crusher with hydraulic management (adjust and realase) | | **FP117** |
| | Feed opening | [mm] | **1100x750** |
| | Close side setting C.S.S. | [mm] | **35 - 200** |
| ■ | Over range electronic setting | [mm] | **75 - 200** |
| | Jaw crusher weight | [ton] | **19** |
| | 12Mn2Cr Toothed static jaw, height | [mm] | **1450** |
| | 12Mn2Cr Toothed swing jaw, height | [mm] | **1618** |
| **1.07** | **Main belt conveyor** | [m] | **1x9,41** |
| | Belt width | [mm] | **1000** |
| | Drums longitudinal centres | [mm] | **9682** |
| | Discharge height | [mm] | **2700** |
| **1.08** | **Power unit** | | |
| | 6 - Cylinder oversupplied diesel engine | | |
| | Power at 2100 rpm | [kW] | **224** |
| **1.09** | **Crawler** | | |
| | Crawler track width | [mm] | **500** |
| | Crawler longitudinal centres | [mm] | **4085** |
| **1.10** | **Dust suppression system** | | |
| **1.11** | **Magnetic separator with mechanical and hydraulic prearrangement** | | |
| **1.12** | **Unit control** | | |
| | PLC control with LCD screen | | |
| | Non Stop System NSS | | |
| | umbilical control | | |

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# OM CRUSHER APOLLO plus

| | VARIANTS | | |
|---|---|---|---|
| **4.01** | **12Mn2Cr Flat static jaw** | | |
| **4.03** | **Bars grid** | | |
| | Opening min - max | [mm] | **20 - 50** |
| | Opening min - max | [mm] | **40 - 70** |
| **4.04** | **Punched plate with frame** | | |
| | diamond hole - size / thickness | [mm] | **40 - 15** |
| | diamond hole - size / thickness | [mm] | **50 - 15** |
| | diamond hole - size / thickness | [mm] | **70 - 20** |
| **4.05** | **Anti-clogging wire mesh** | [mm] | **30** |
| **4.06** | **Folding main belt conveyor with cylinder set** | [m] | **1x10,16** |
| | Belt width | [mm] | **1000** |
| | Drums longitudinal centres | [mm] | **10160** |
| | Discharge height | [mm] | **3800** |
| | **Transport weight and dimensions machine combined with cod. 4.06** | | |
| | Weight | [ton] | **48.1** |
| | Length | [mm] | **13500** |
| | Width | [mm] | **3000** |
| | Height | [mm] | **3310** |
| **4.09** | **Configuration without magnetic separator** | | |
| **4.12** | **Preliminary screen mobile hopper** | | |

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# OM CRUSHER APOLLO plus

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

**[°]** The output is based on crushing dry calcareous bulk with appropriate size, having specific weight of 1,6 t/m$^3$ 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 automaticaly 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