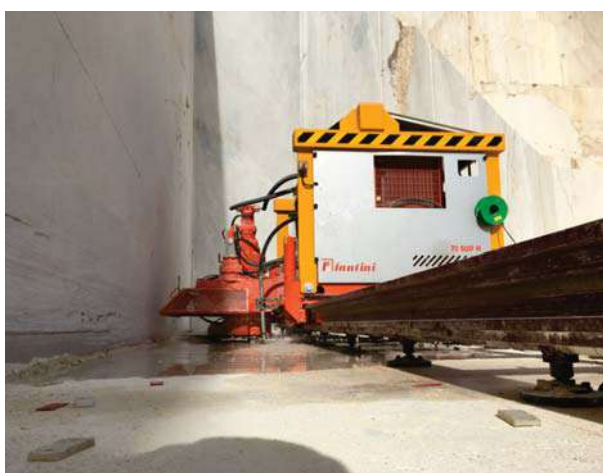




AUTOMATIC CUTTING SYSTEM



AUTOMATIC CUTTING SYSTEM







La macchina segatrice a catena Fantini con sistema di taglio automatico è quindi perfetta per eseguire tagli orizzontali e verticali che richiedano precisione nelle fasi di entrata e uscita può tagliare in maniera assistita grazie a un PLC che ne gestisce i movimenti.

The chain saw machine Fantini with automatic cutting system can perform an assisted cut by means of a PLC that controls the movements, thus making horizontal and vertical cuts that require precision in the entry and exit phases.



SISTEMA TA (TAGLIO AUTOMATICO)

AUTOMATIC CUTTING SYSTEM



SENSORE PRESENZA BINARIO

In caso di assenza del binario la macchina è in grado di bloccare il movimento di traslazione automaticamente.

RAIL PROXIMITY

In case the machine finishes his run on the rail, the travel movement will be automatically stopped.



SENSORI DI CONTROLLO TRASLAZIONE CARRELLO E ROTAZIONE BRACCIO

Grazie agli encoder è possibile tenere costantemente sotto controllo la posizione del braccio e quindi la profondità di taglio durante tutte le fasi di lavoro.

CONTROL SENSOR TROLLEY AND ARM ROTATION

By means of the Encoder it is possible to control constantly the position of the arm and so the cutting depth during all the working steps.



CENTRALINA ELETTRONICA

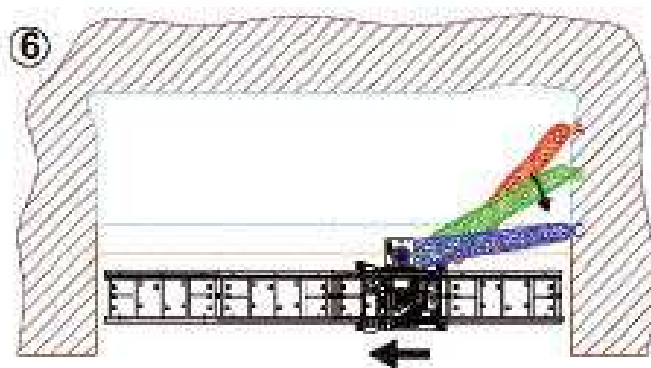
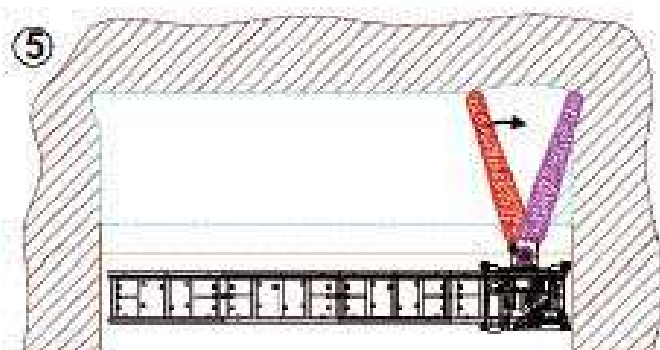
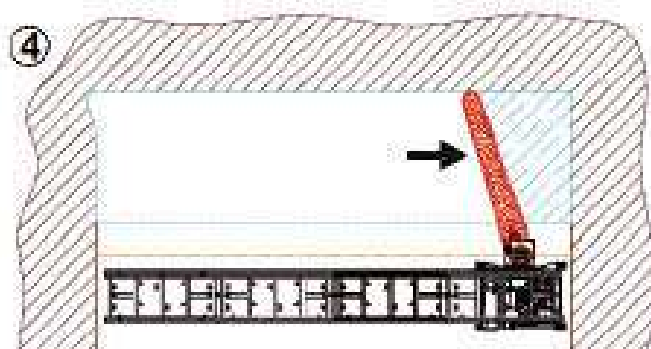
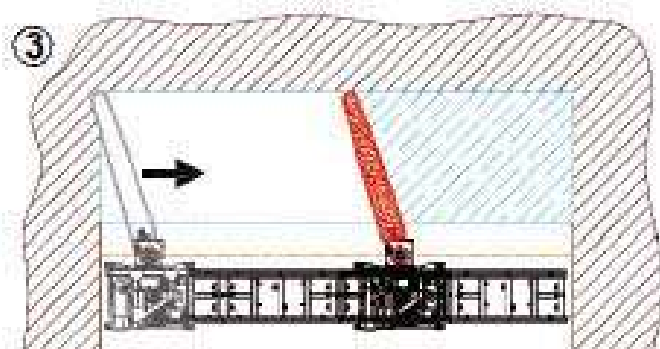
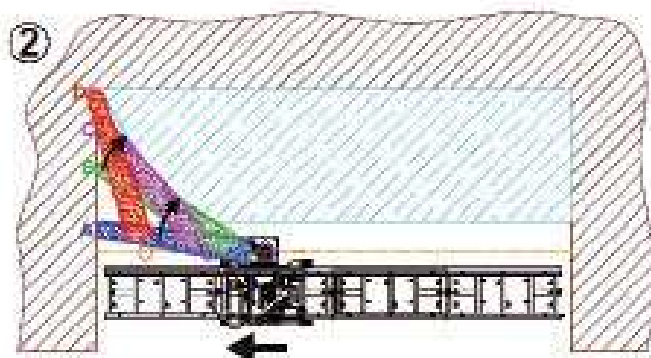
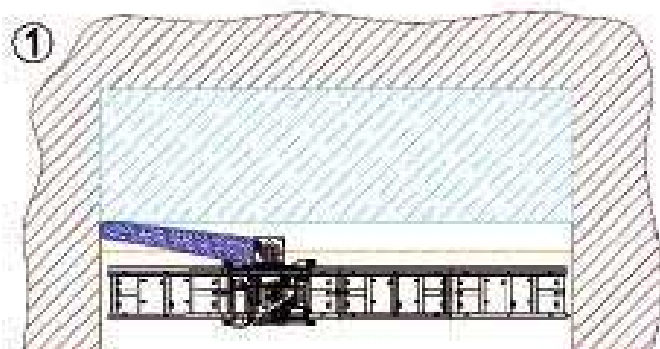
Una potente rete CAN BUS per monitorare i movimenti da eseguire durante le fasi di taglio automatico.

ELECTRIC UNIT

A Powerful CAN BUS net allows monitoring the movements to be executed during the cutting automatic phases.

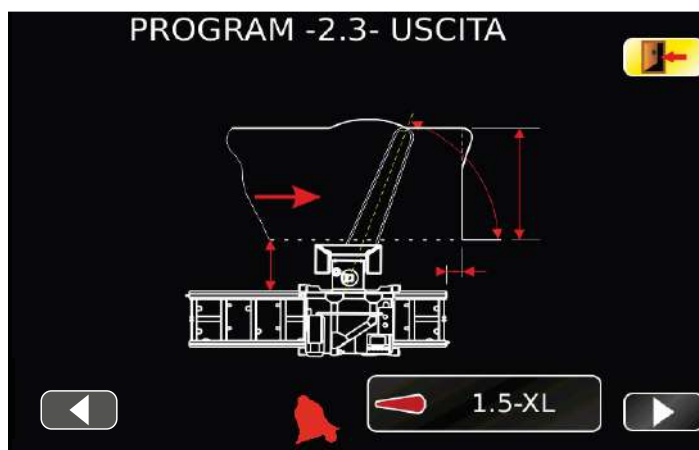
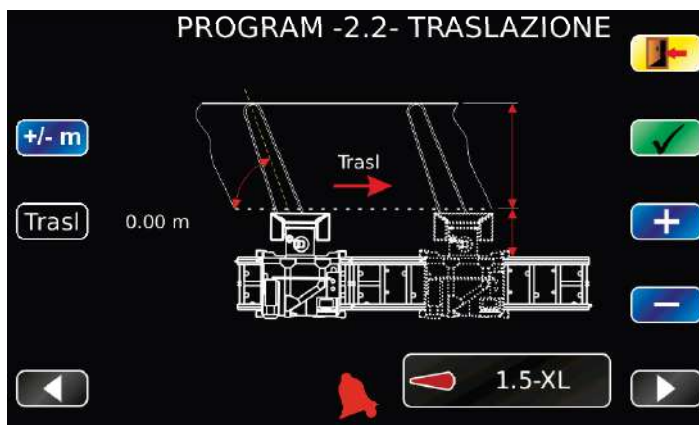
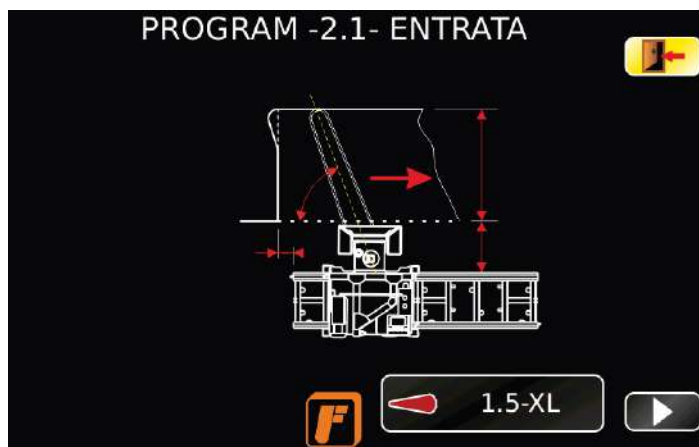
CICLO AUTOMATICO DI TAGLIO

COMPUTER-CONTROLLED CUTTING PROCESS



ENTRATA, TRASLAZIONE (TAGLIO) ED USCITA DEL BRACCIO AUTOMATICI

COMPUTER-CONTROLLED ENTRY, TRAVELING (CUT) AND EXIT OF THE BLADE



COMANDI E GESTIONE

CONTROLS AND MANAGEMENT

 **MENU GENERALE -1-**

Traslazione



Valore 0.00 m

Velocità 0.00 cm/min

Rotazione



0.00°

0.00°/min

Catena



0 %




09/01/2017



11:17:43

Info



Lubrificazione

 2

Set 0 %

0 g/ora



AUTOMATICO -2-

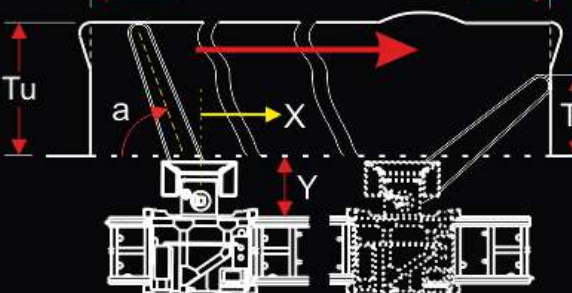


PROG



 2





Trasl= 0.00m

a= 0.00°

Ta= 0.00m

Trasl.a= 0.00m

X fase0 = 0.000m

Y= 138.0cm

FASE CICLO: Inizializzazione

CORREZIONE INGRESSO = 0.0cm

ANGOLO FINE ENTRATA \ Tu = 0.0° \ 0.00 m

1.5-XL



START

STOP

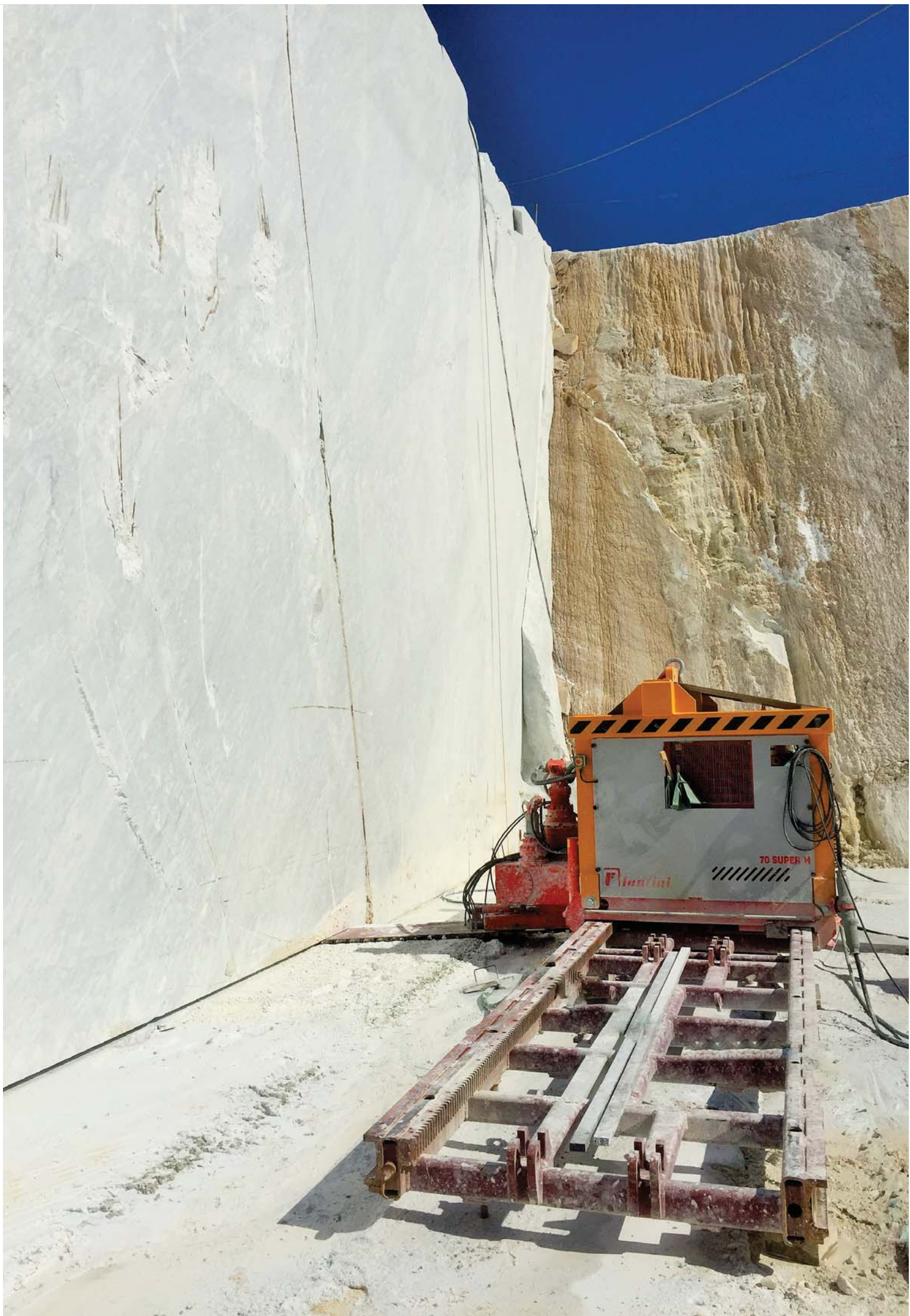
RESET

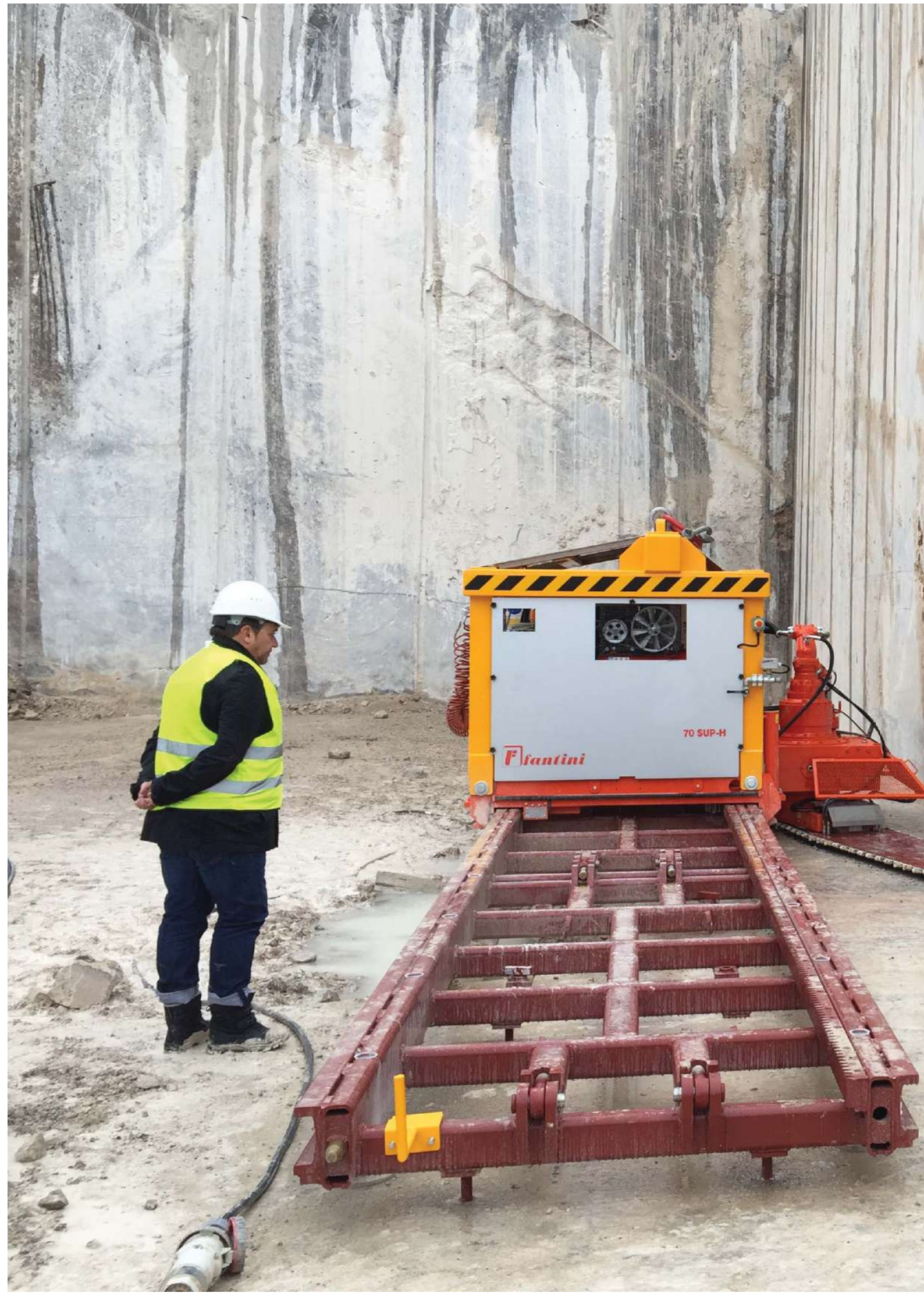


 2
  = 0%
  = 0%



AUTO OFF







PANORAMICA

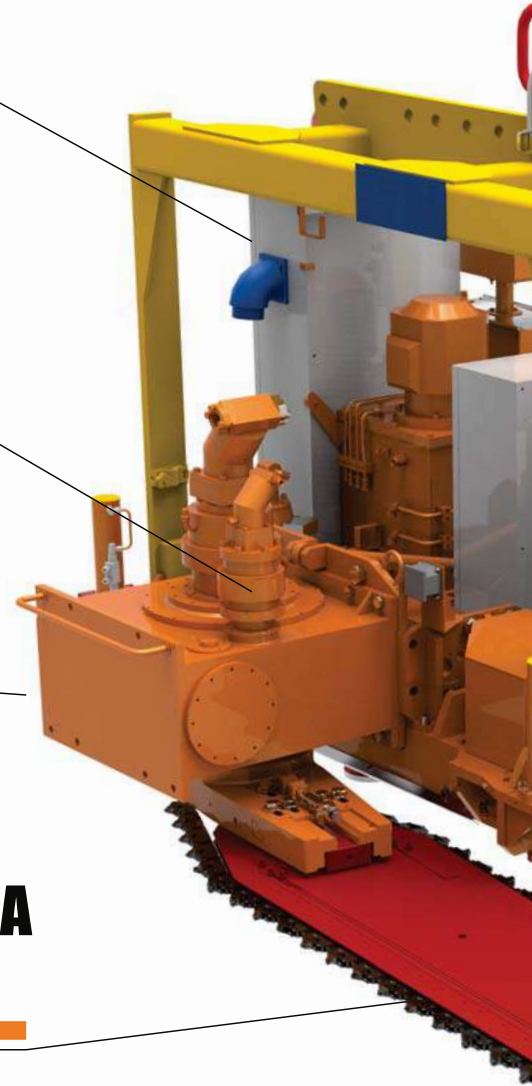
OVERVIEW

QUADRO ELETTRICO
ELECTRIC BOX

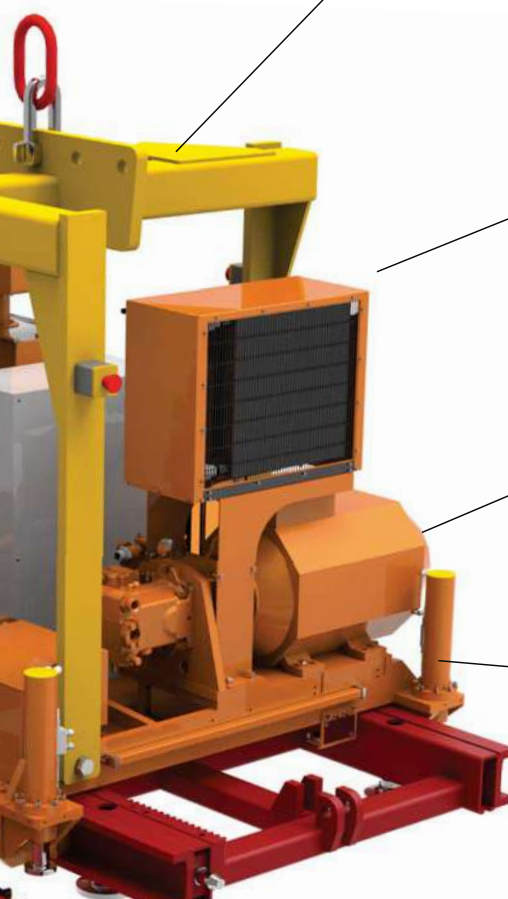
ENCODER

MOTORIDUTTORE
GEAR BOX

CATENA E DENTATURA
CHAIN and TEETH



BILANCINO
STEEL LIFTING FRAME



A yellow steel lifting frame with a red hook at the top left. It is part of a larger machine with orange and red components.

SCAMBIATORE DI CALORE
AIR/OIL COOLER



A black air/oil cooler with a fan. It is mounted on the yellow steel lifting frame.

MOTORE ELETTRICO-CATENA
CHAIN ELECTRIC MOTOR



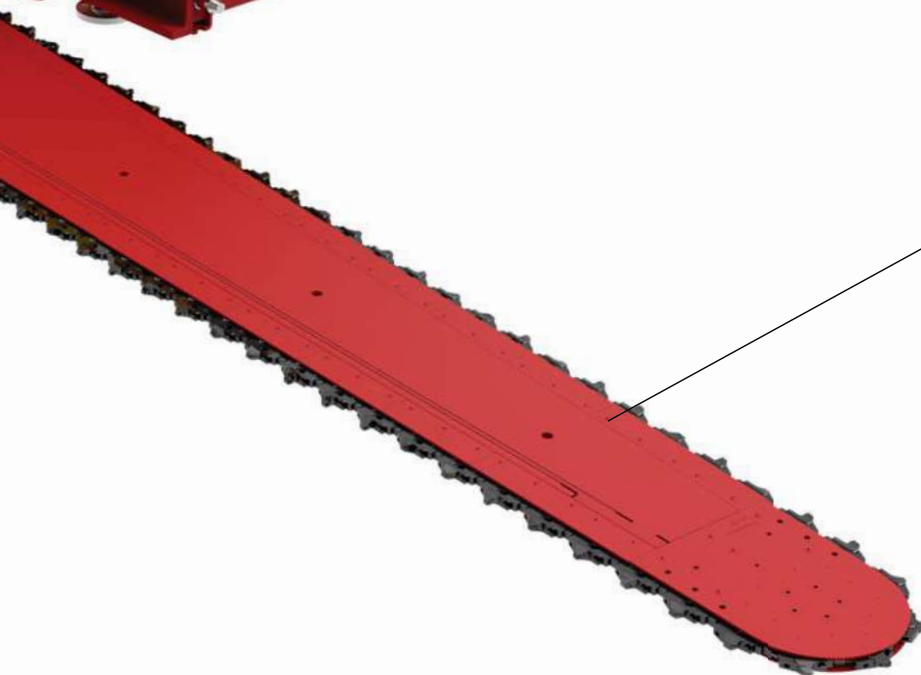
An orange chain electric motor. It is mounted on the yellow steel lifting frame.

STABILIZZATORI
STABILIZERS



Two yellow stabilizers. They are mounted on the yellow steel lifting frame.

BRACCIO
ARM



A long red arm with a black chain. It is part of a larger machine with orange and red components.

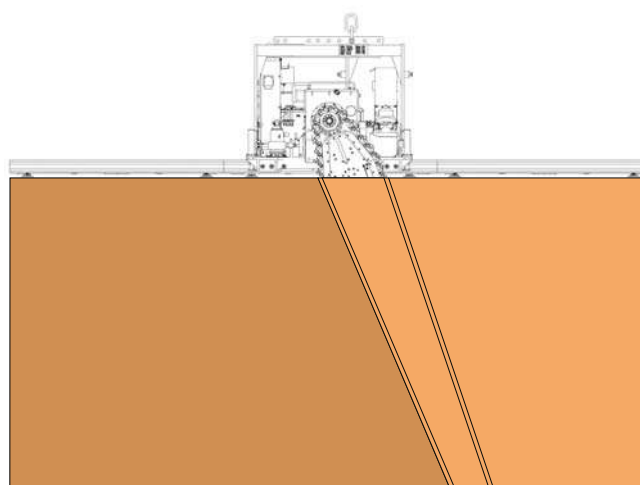
CAPACITÀ DI TAGLIO

CUTTING CAPACITY

Taglio verticale
Vertical cut



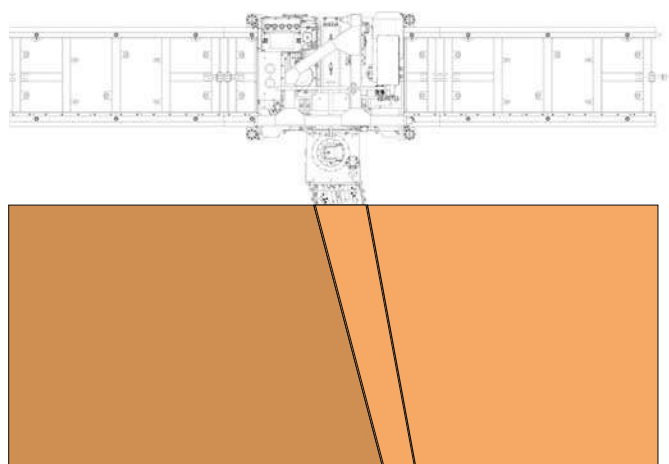
Massima profondità utile 5.1 m
Maximum useful depth 5.1 m



Taglio orizzontale
Horizontal cut

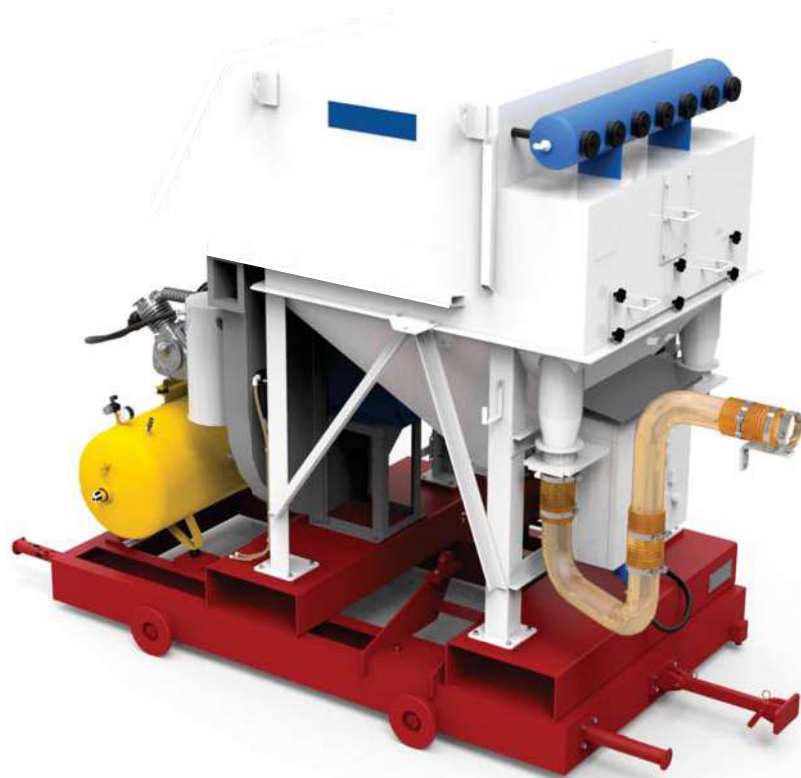


Profondità utile 3.4 m
Real Cutting depth 3.4 m





**ASPIRATORE
OPZIONALE
OPTIONAL DUST
COLLECTOR**



DISPOSITIVO DI CONTROLLO TELEMATICO A DISTANZA

TELEMATIC INTERACTIONS



FILOCOMANDO WIRE REMOTE CONTROL



RADIOCOMANDO RADIO REMOTE CONTROL

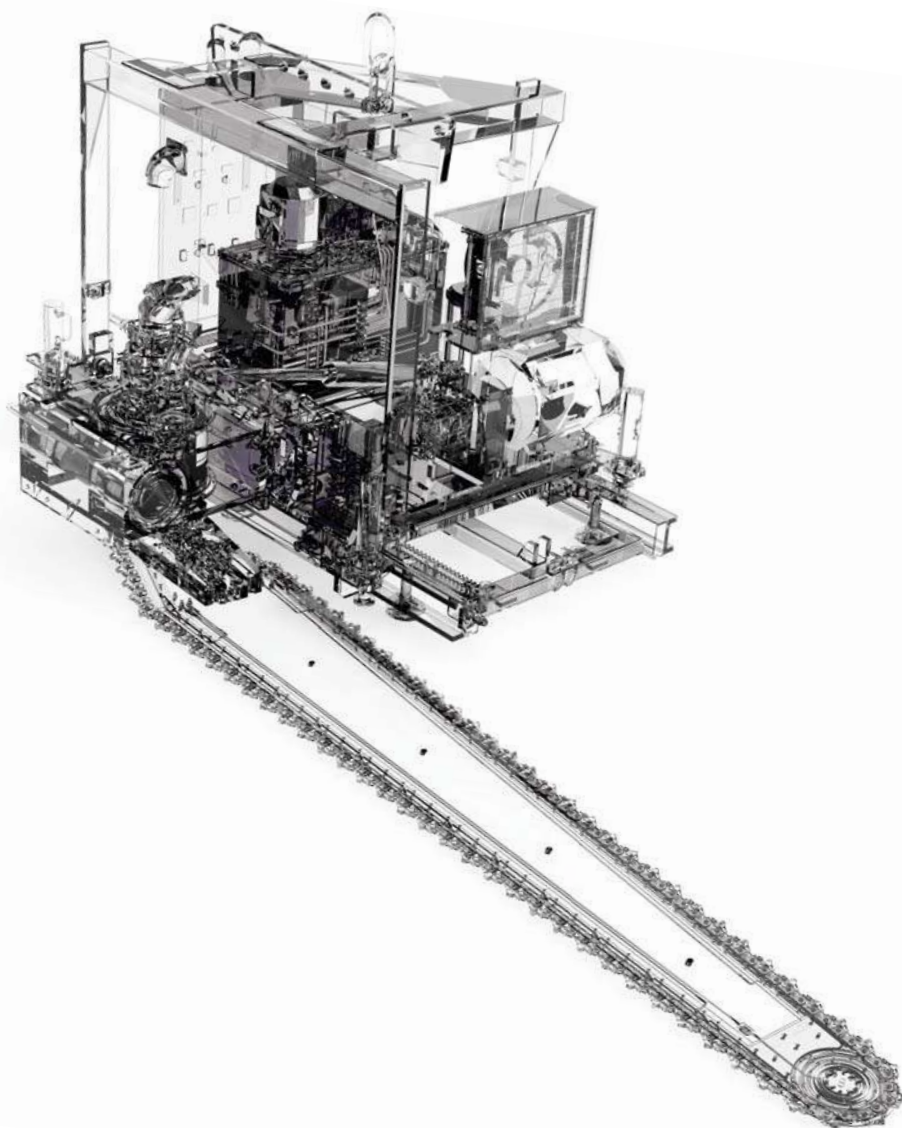


RICAMBI ORIGINALI

ORIGINAL SPARE PARTS

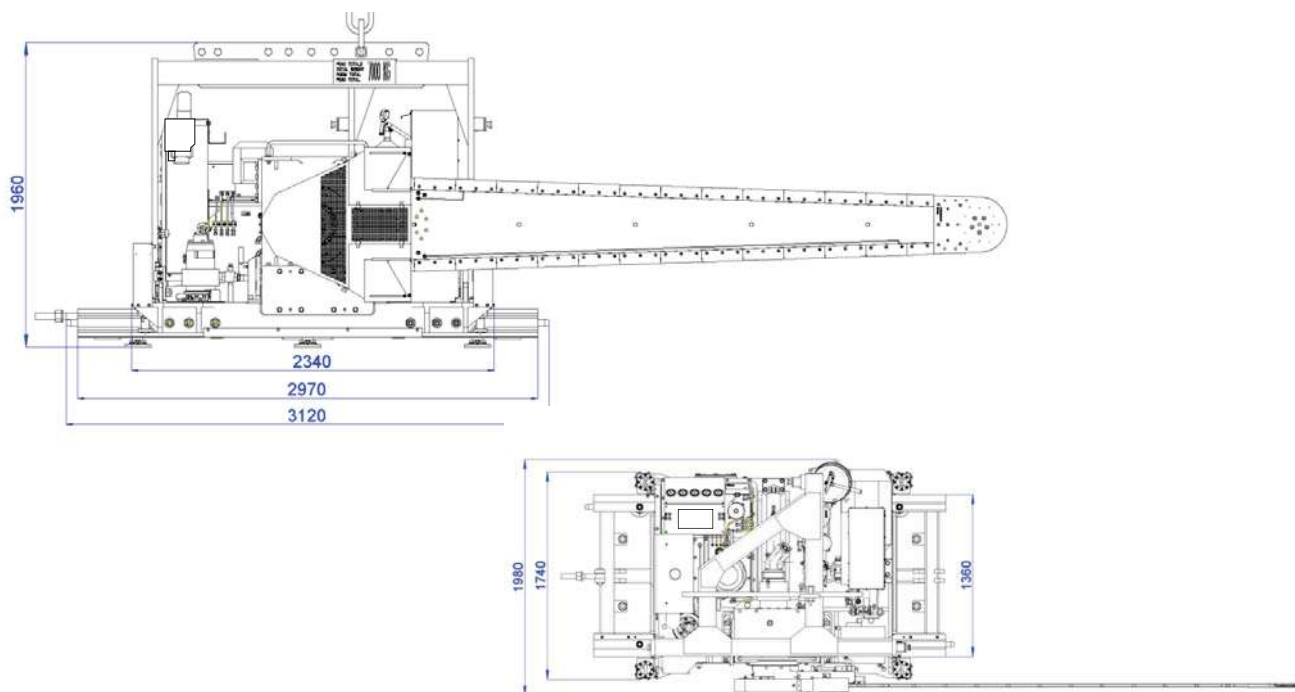
Dal 1979 Fantini produce macchine segatrici per il taglio della pietra ornamentale basati sulla massima qualità sia progettuale sia di fabbricazione. Dal primo esemplare costruito Fantini ha il controllo di tutto il processo produttivo ed ha scelto come partner i migliori costruttori per la componentistica che completa le proprie macchine. A volte basta un componente di altra marca per inficiare l'efficienza di un macchinario. Inserire in un contesto di alte prestazioni un componente di altra marca, rallenta in modo significativo l'efficacia del tutto a discapito dell'economicità. Acquista solo ricambi originali Fantini per avere le tue macchine sempre al massimo in termini di prestazioni e affidabilità.

Fantini has been producing chain saw machine for cutting ornamental stone, based on high quality design and manufacturing processes, since 1979. The company has a complete record of the production processes for every single machine it has manufactured and has always selected the best suppliers for the components it uses. Sometimes simply using another brand of component is enough to compromise the efficiency of a machine. Attempting to save money by using cheaper components on high performance equipment such as ours can result in a significant reduction in the efficiency of the machinery. Always purchase original Fantini spare parts in order to get the very best out of your machines, in terms of performance and reliability.



SPECIFICHE TECNICHE

TECHNICAL SPECIFICATIONS



70RA-TA



Potenza complessiva installata	~50 kW
Peso Complessivo	~7000 Kg
Potenza installata	97A

Caratteristiche Gruppo di Taglio

Capacità di Taglio	Max 5.1 m di taglio utile (in funzione delle caratteristiche della pietra)
Angolo di Rotazione del Braccio	360°

70RA-TA



Motor power	~50 kW
Total weight	~7000 Kg
Total power installed	97A

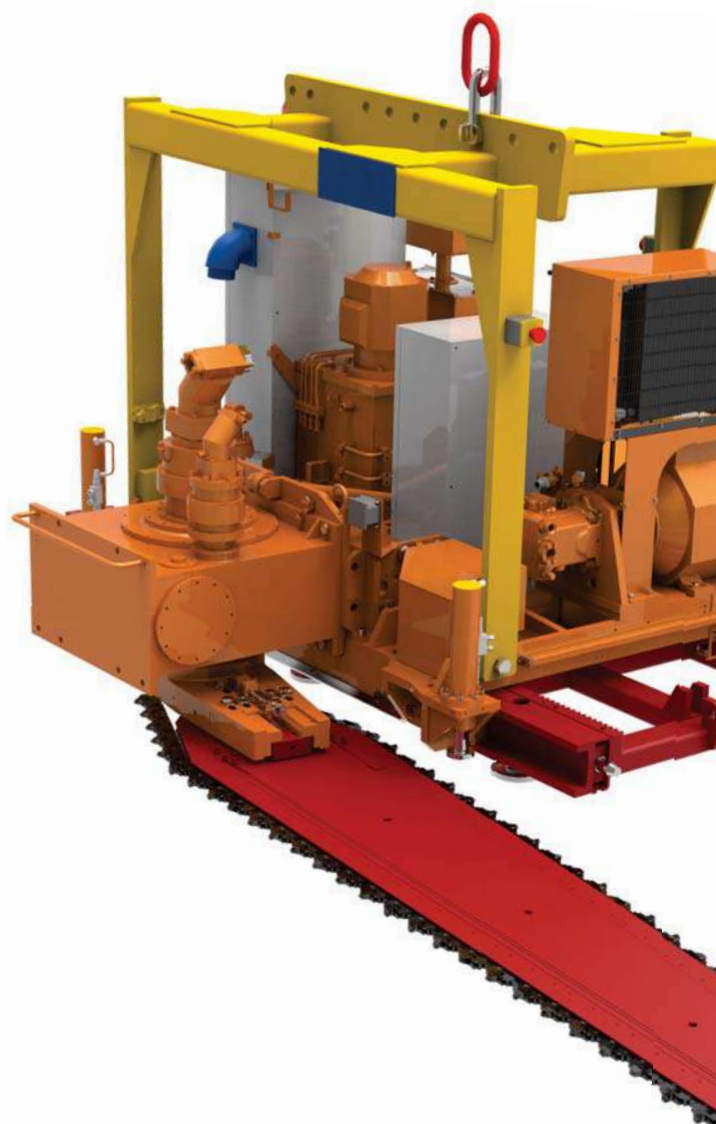
Technical characteristics of the cutting unit

Cutting capacity	Max 5.1 m real cut (depending on the characteristics of the stone)
Arm Rotation Angle	360°

NOTE

[illegible]





FANTINI SUD S.P.A.

Strada Provinciale 12 n° 52 Tel +39 0775.77491 r.a.
03012 Anagni (FR) Fax +39 0775.769640
ITALY

info@fantinispa.it
www.fantinispa.it



REV. 1.0