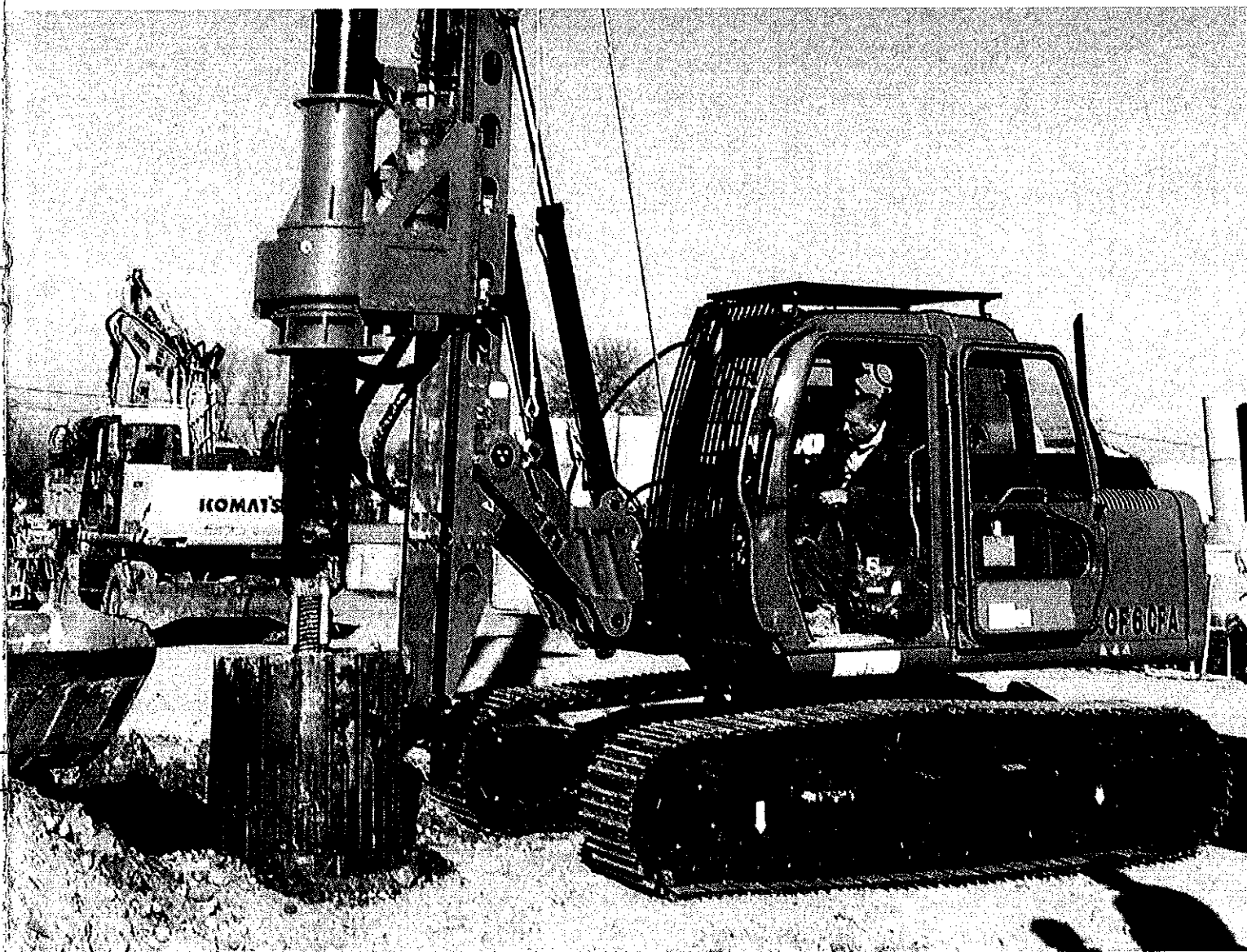


CF6 SERIES

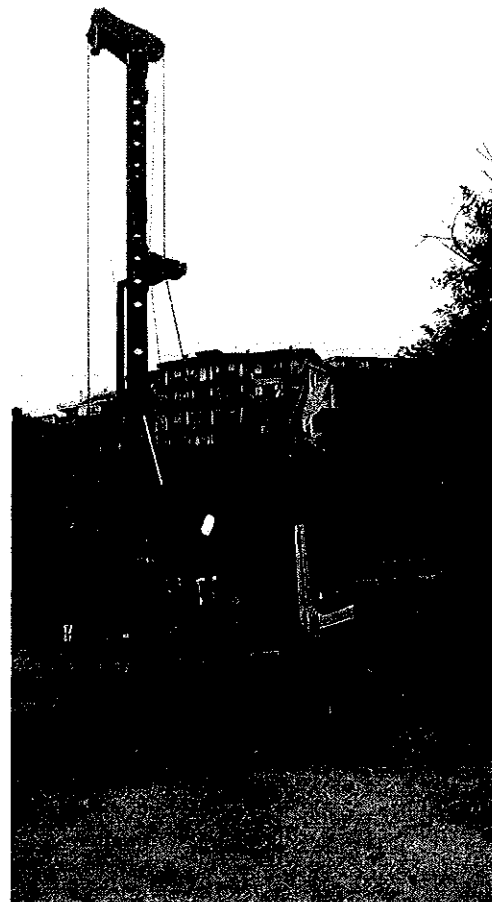
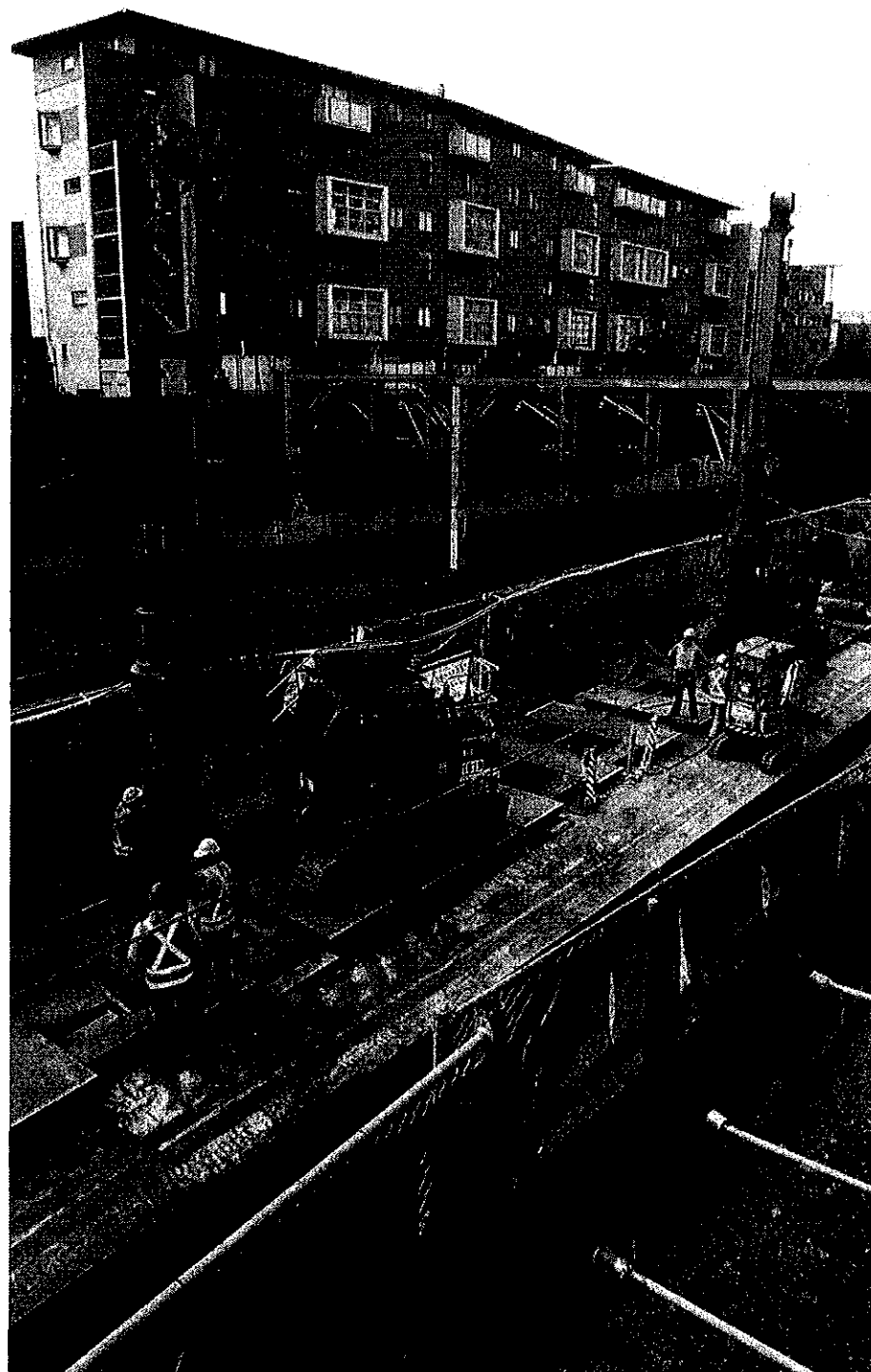


Drilling and Foundation Equipment

CF 6

Versione Kelly bar Arrangement for Kelly bar

on Hitachi ZX130



TESCAR

CF 6

Dati tecnici Technical data

on Hitachi ZX130

Base		Base			
Tipo		Type		Hitachi Zaxis 130-3LCN	
Motore Diesel		Diesel engine		Isuzu AJ-4JJ1X	
Potenza 2150 rpm		Rated power 2150 rpm	69,0	kW	92,5 HP
Capacità serbatoio carburante		Fuel tank capacity	250,0	l	66,0 gal
Capacità serbatoio olio		Hydraulic oil tank capacity	70,0	l	18,5 gal
Sottocarro		Undercarriage			
Larghezza cingoli chiusi		Width with retracted tracks	2490	mm	8,2 ft
Larghezza cingoli aperti		Width with extended tracks	2490	mm	8,2 ft
Lunghezza cingoli		Tracks length	3750	mm	12,3 ft
Larghezza pattini		Shoes width	500	mm	19,7 in
Velocità di traslazione max.		Max. Travelling speed	5,5	Km/h	3,4 mi/h
Velocità di rotazione torretta		Swing speed	4,5	rpm	4,5 rpm
Pompe idrauliche		Hydraulic pumps			
Pompa principale		Main pump	234	l/min	61,8 gal/min
Pompa secondaria		Auxiliary pump	33,6	l/min	8,9 gal/min
Massima pressione di lavoro		Max working pressure	34,3	MPa	4974,8 psi
Argani idraulici		Hydraulic winches			
Argano principale		Main winch	7000	daN	15,7 lbs
Argano di servizio		Service winch	3500	daN	7,9 lbs
Testa di rotazione idraulica		Hydraulic rotary head			
Coppia		Torque	6000	daNm	44,3 lbs ft
Velocità di perforazione		Drilling speed	7-16	rpm	7-16 rpm
Velocità di scarico		Spin-off speed	76	rpm	76,0 rpm
Corsa		Stroke	2000	mm	78,7 in
Tiro massimo pull-down		Pull-down max. extraction force	15000	daN	33,7 lbs
Spinta massima pull-down		Pull-down max. crowd	20000	daN	45,0 lbs
Dimensioni di perforazione		Drilling dimensions			
Diametro massimo		Max. diameter	1200	mm	47,2 in
Diametro minimo		Min. diameter	400	mm	15,7 in
Profondità massima		Max. Depth	28000	m	91863,5 ft
Dimensioni per il trasporto		Transport dimensions			
Altezza		Height	3160	mm	10,4 ft
Lunghezza		Length	10284	mm	33,7 ft
Larghezza		Width	2490	mm	8,2 ft
Peso (con asta da 28 m)		Weight (with 28 m kelly bar)	20000	kg	44,1 lbs

TESCAR

CF 6

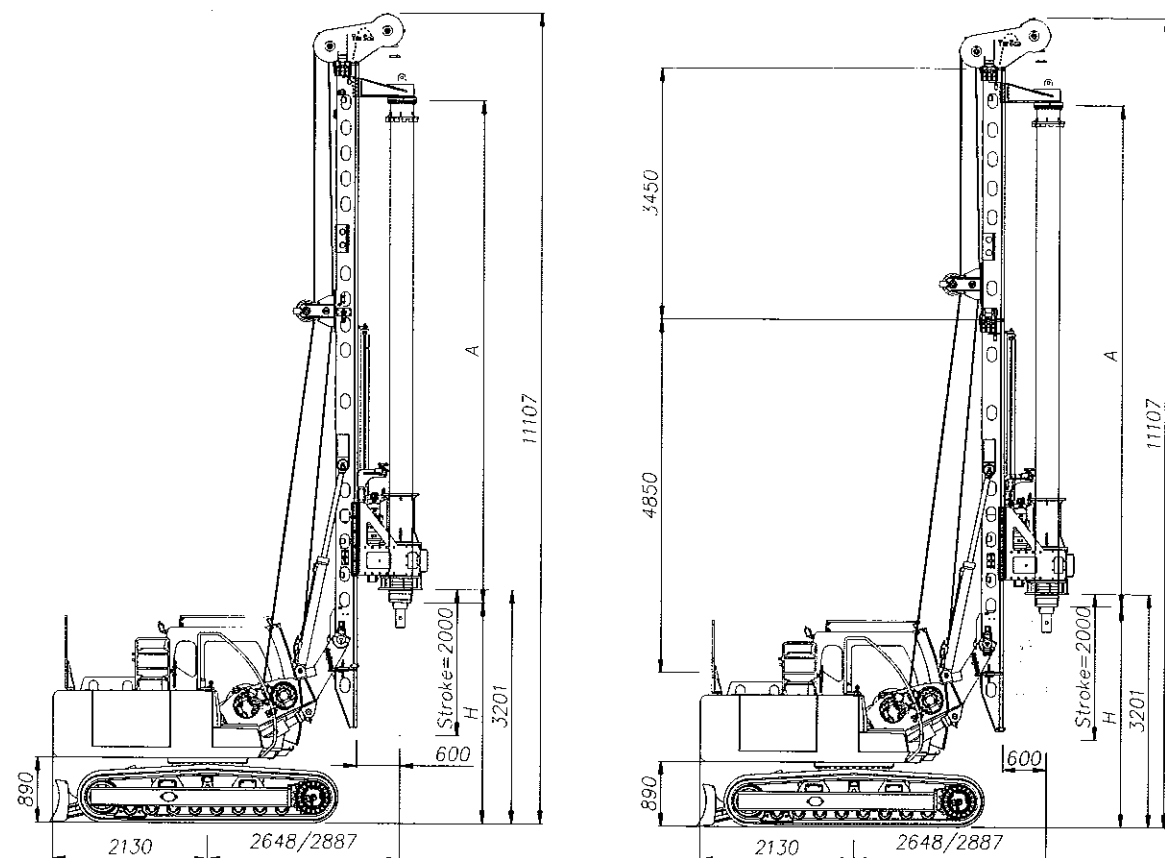
Dimensioni Dimensions

on **Hitachi ZX130**

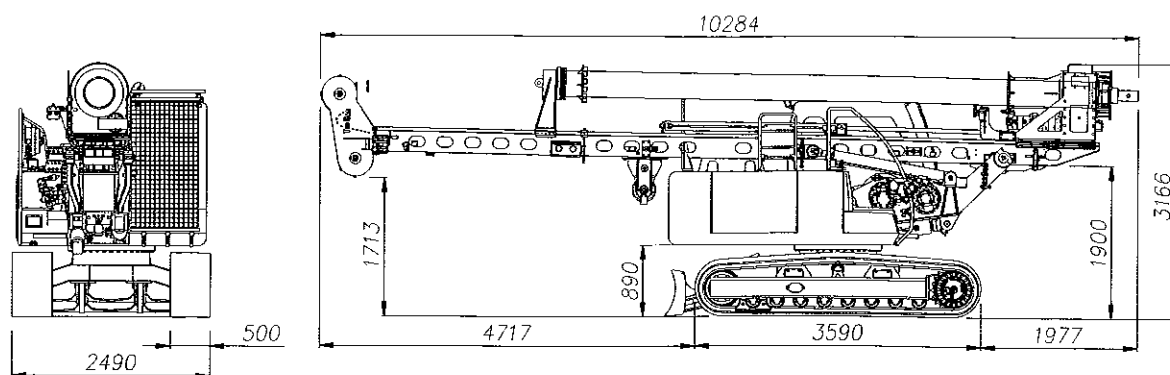
Aste a bloccaggio

Mechanical locking kelly bar

Numero elementi Elements no	Lunghezza (A) Length (A)	Profondità Depth	Altezza (H) Height (H)
	(mm) (ft)	(m) (ft)	(mm) (ft)
5	6880 22,6	28 91,9	3026 9,9
5	6280 20,6	26 85,3	3626 11,9
5	6000 19,7	24 78,7	3906 12,8
4	6880 22,6	23 75,5	3026 9,9
5	4880 16,0	19 62,3	5026 16,5



Configurazione trasporto / Transport configuration

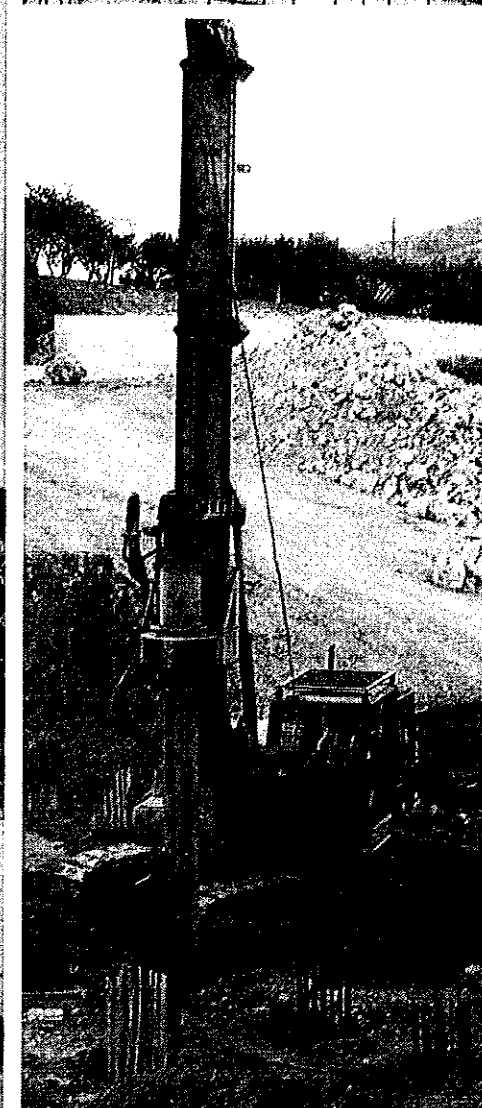
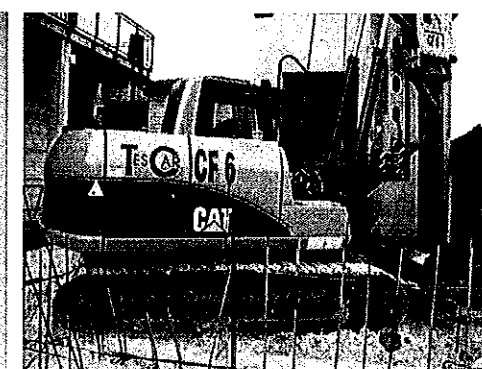
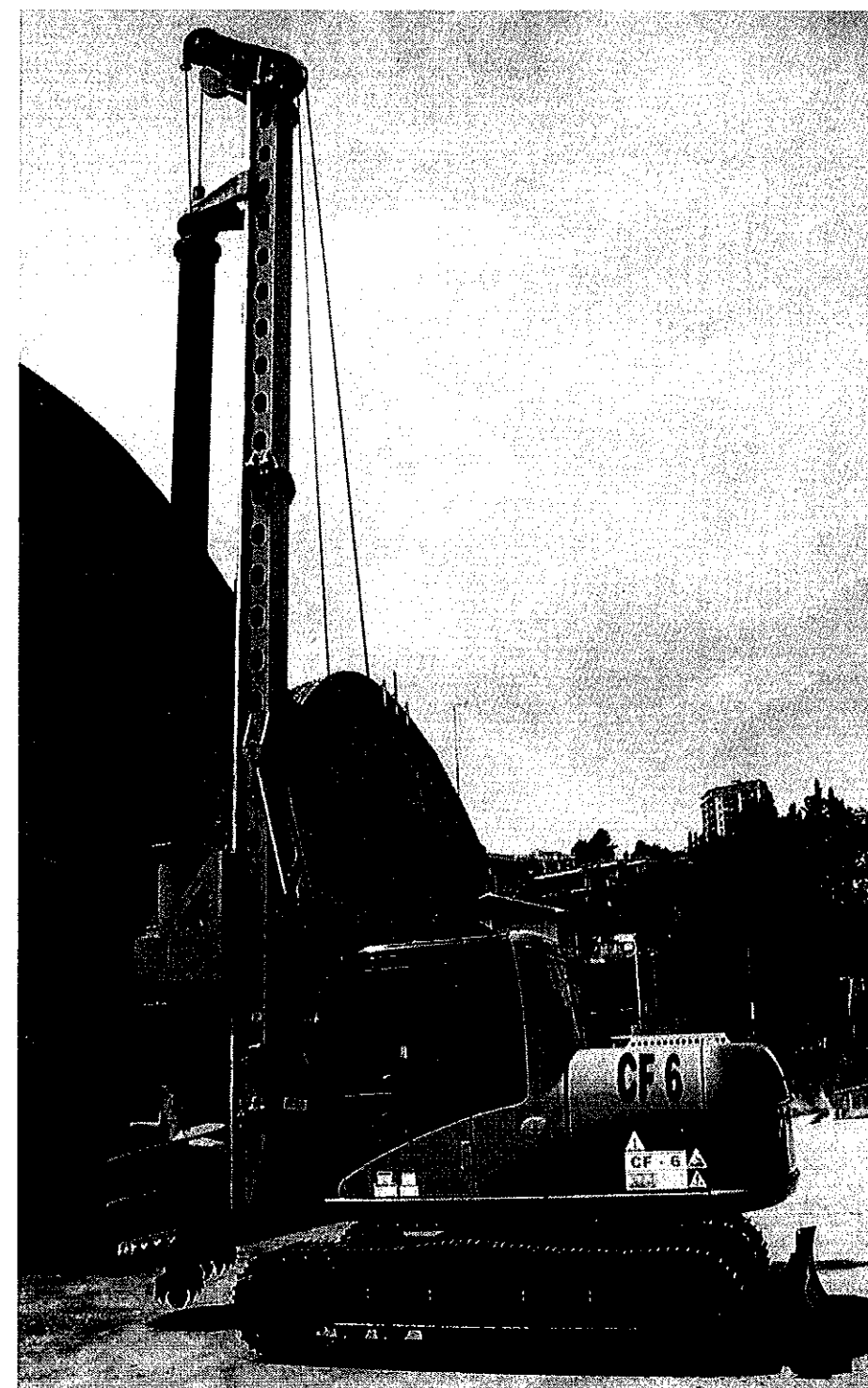


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CF 6

Versione Kelly bar Arrangement for Kelly bar

on **CATERPILLAR 312D**



TESCAR

CF 6

Dati tecnici
Technical data

on CATERPILLAR 312 D

Base		Base		Caterpillar 312 DL	
Tipo		Type		Cat C 4,2 ACERT	
Motore Diesel		Diesel engine			
Potenza		Rated power		67,0	89,8
Capacità serbatoio carburante		Fuel tank capacity		250,0	66,0
Capacità serbatoio olio		Hydraulic oil tank capacity		150,0	39,6
Sottocarro		Undercarriage			
Larghezza cingoli chiusi		Width with retracted tracks		2490	8,2
Larghezza cingoli aperti		Width with extended tracks		2490	8,2
Lunghezza cingoli		Tracks length		3750	12,3
Larghezza pattini		Shoes width		500	19,7
Velocità di traslazione max.		Max. Travelling speed		5,5	3,4
Velocità di rotazione torretta		Swing speed		4,5	4,5
Pompe idrauliche		Hydraulic pumps			
Pompa principale		Main pump		254	67,1
Pompa secondaria		Auxiliary pump		22	5,8
Massima pressione di lavoro		Max working pressure		35	5076,3
Argani idraulici		Hydraulic winches			
Argano principale		Main winch		7000	15,7
Argano di servizio		Service winch		3500	7,9
Testa di rotazione idraulica		Hydraulic rotary head			
Coppia		Torque		6000	44,3
Velocità di perforazione		Drilling speed		7-16	7-16
Velocità di scarico		Spin-off speed		76	76,0
Corsa		Stroke		2000	78,7
Tiro massimo pull-down		Pull-down max. extraction force		15000	33,7
Spinta massima pull-down		Pull-down max. crowd		20000	45,0
Dimensioni di perforazione		Drilling dimensions			
Diametro massimo		Max. diameter		1200	47,2
Diametro minimo		Min. diameter		400	15,7
Profondità massima		Max. Depth		28000	91863,5
Dimensioni per il trasporto		Transport dimensions			
Altezza		Height		3260	10,7
Lunghezza		Lenght		10220	33,5
Larghezza		Width		2490	8,2
Peso (con asta da 28 m)		Weight (with 28 m kelly bar)		20000	44,1

TESCAR

CF 6

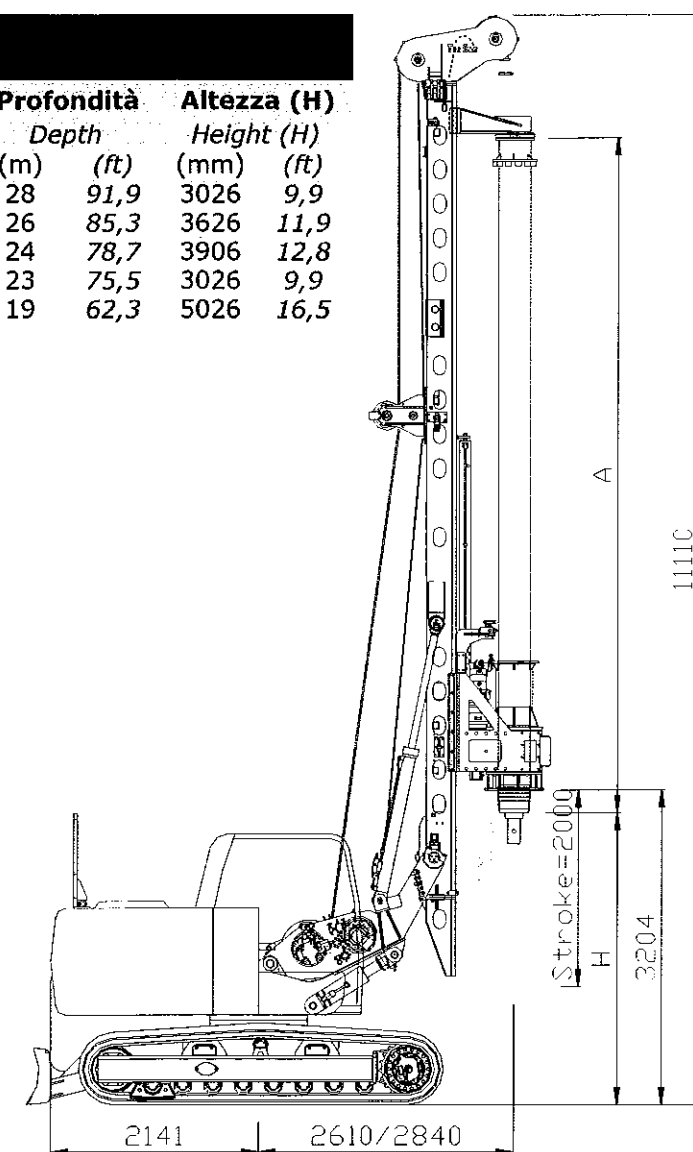
Dimensioni
Dimensions

on CATERPILLAR 312 D

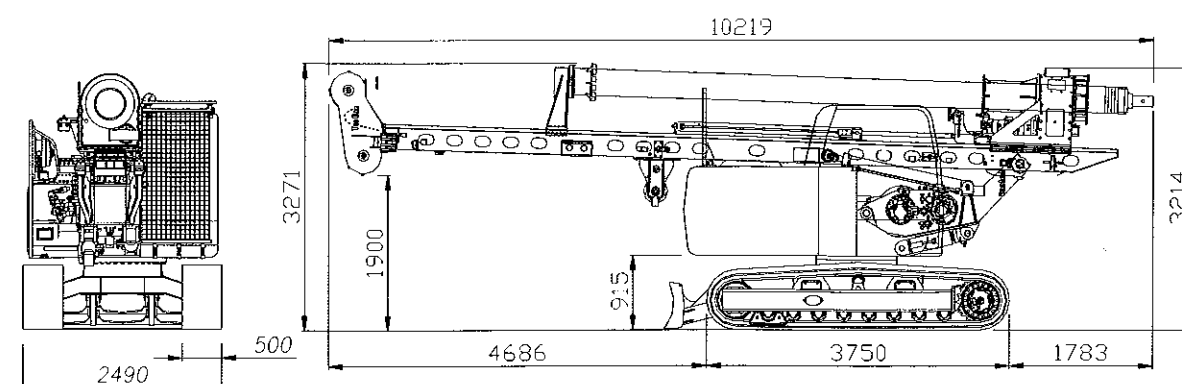
Aste a bloccaggio

Mechanical locking kelly bar

Numero elementi Elements no	Lunghezza (A) Lenght (A)		Profondità Depth		Altezza (H) Height (H)	
	(mm)	(ft)	(m)	(ft)	(mm)	(ft)
5	6880	22,6	28	91,9	3026	9,9
5	6280	20,6	26	85,3	3626	11,9
5	6000	19,7	24	78,7	3906	12,8
4	6880	22,6	23	75,5	3026	9,9
5	4880	16,0	19	62,3	5026	16,5



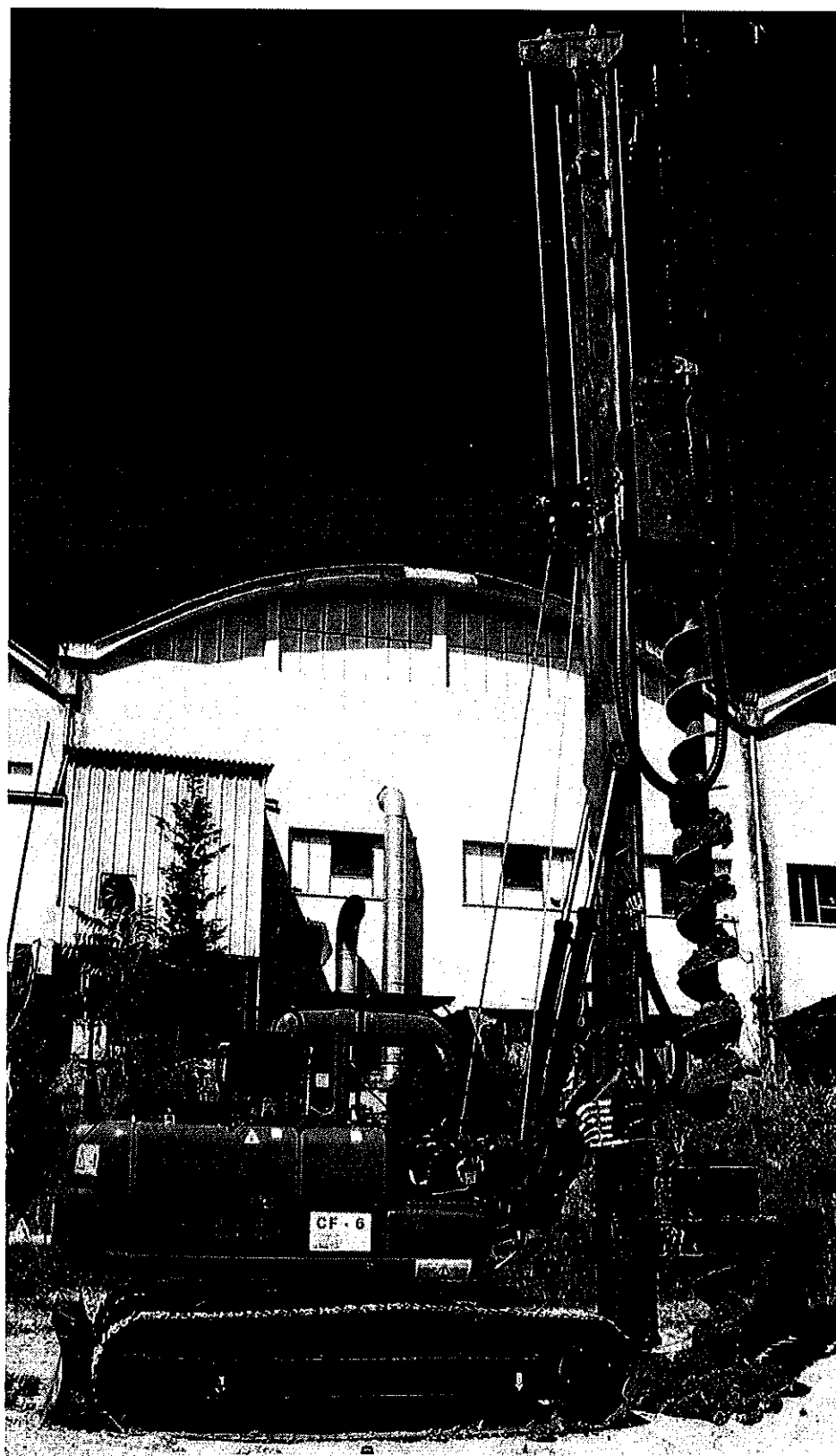
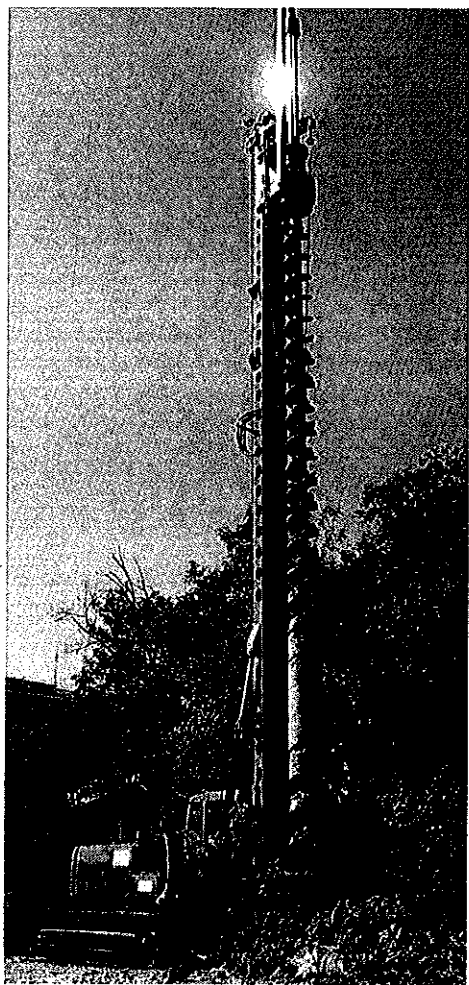
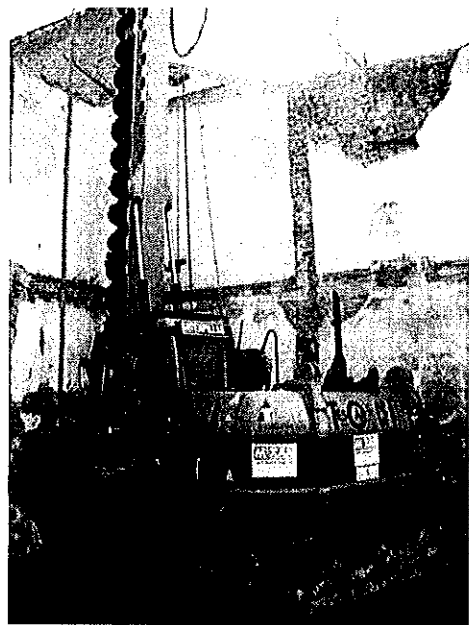
Configurazione trasporto / Transport configuration



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CF 6

Versione CFA Arrangement for CFA



TESCAR

CF 6

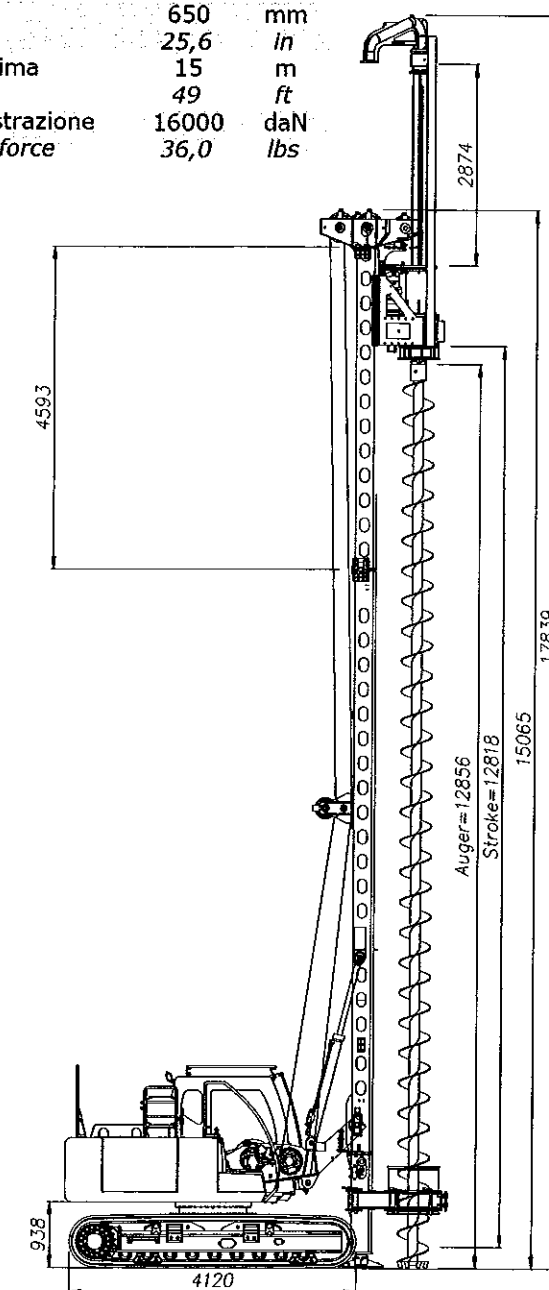
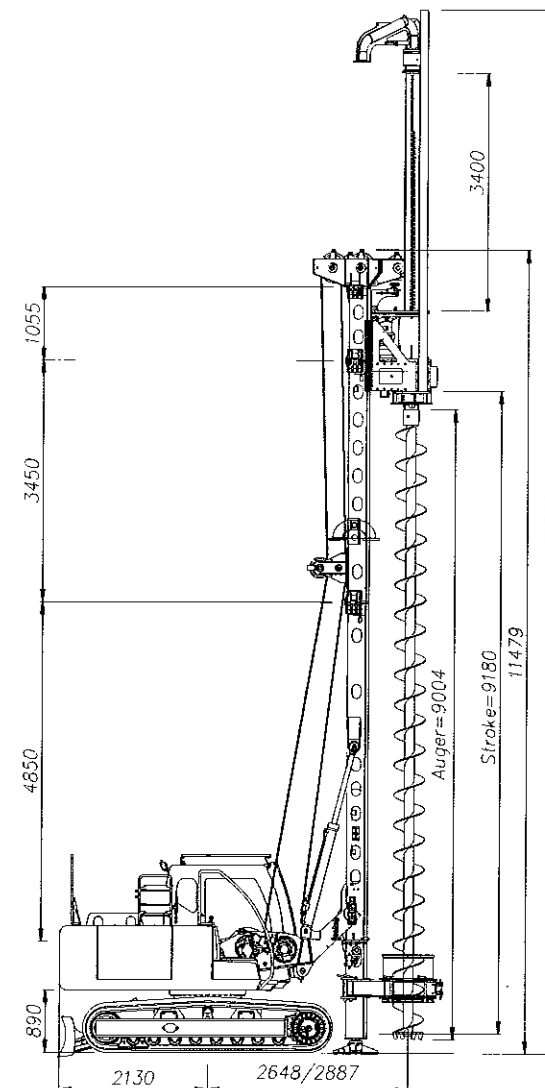
Dimensioni Dimensions

Dimensioni di scavo CFA Borehole dimensions CFA

Diametro	650	mm
Diameter	25,6	in
Profondità massima	12	m
Max. depth	39	ft
Forza max. di estrazione	16000	daN
Max. extraction force	36,0	lbs

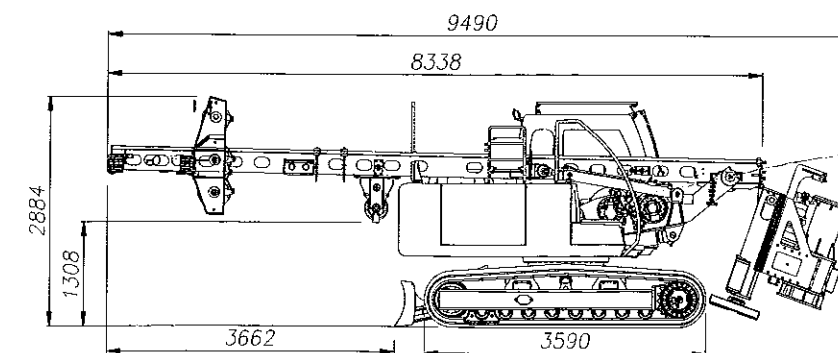
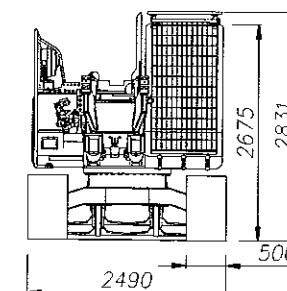
Dimensioni di scavo CFA Borehole dimensions CFA

Diametro	650	mm
Diameter	25,6	in
Profondità massima	15	m
Max. depth	49	ft
Forza max. di estrazione	16000	daN
Max. extraction force	36,0	lbs



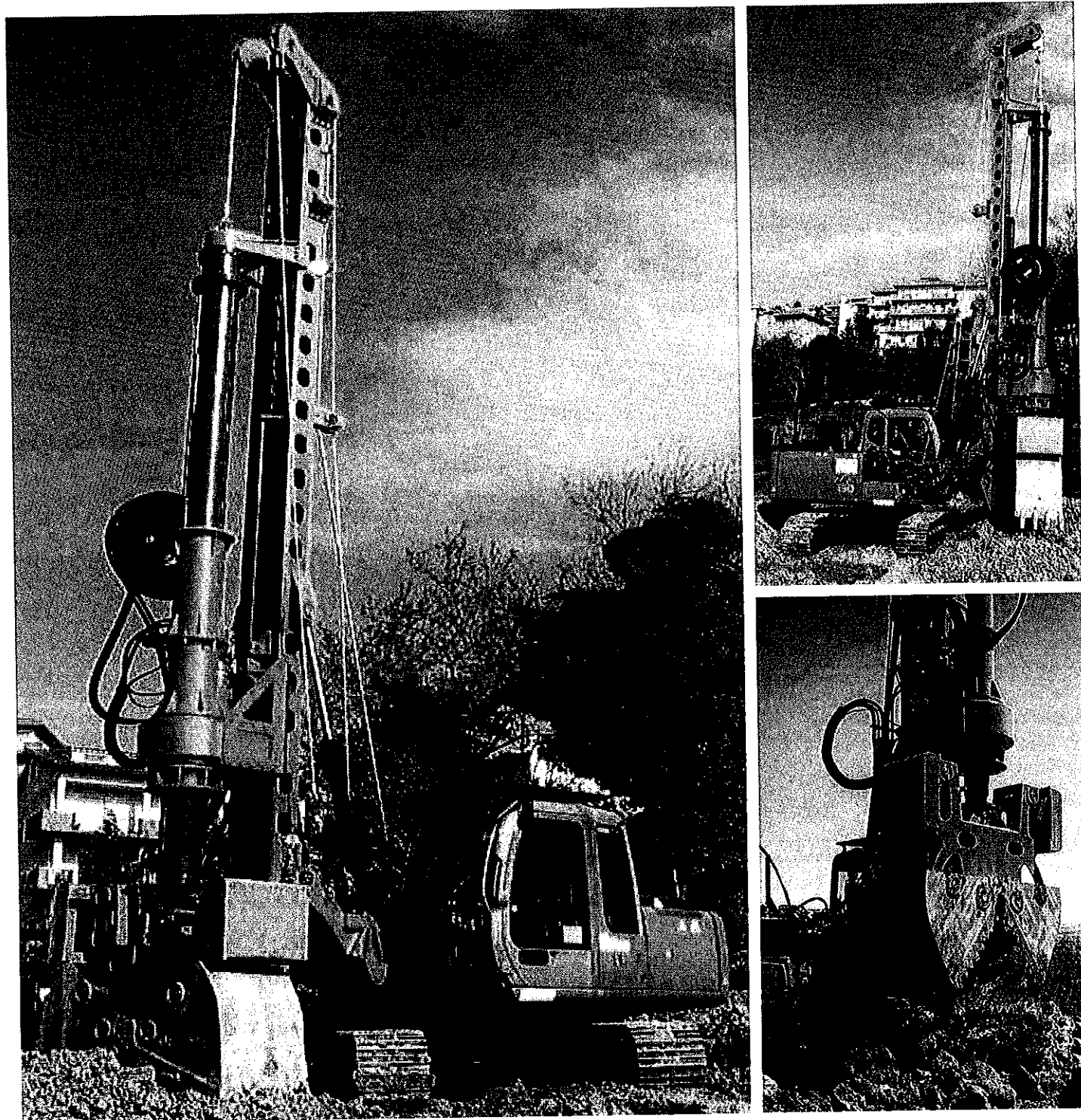
Configurazione trasporto / Transport configuration

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CF 6

Versione Diaframmi Arrangement for Slurry walls



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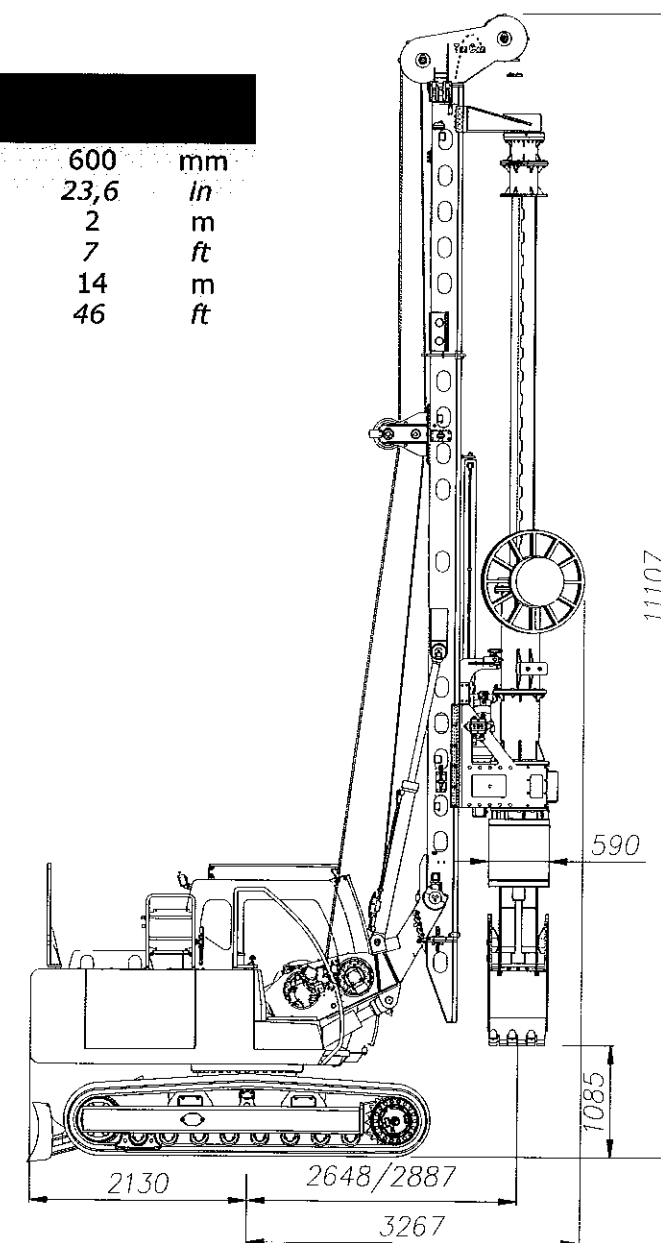
CF 6

Dimensioni Dimensions

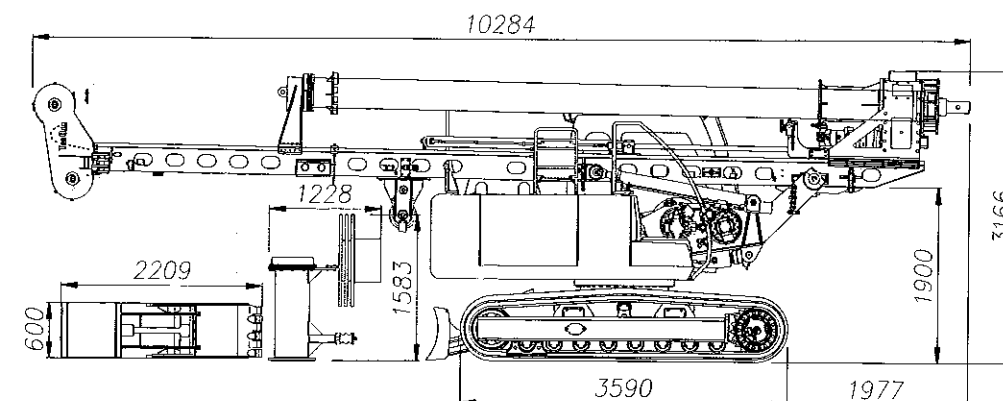
Dimensioni di scavo

Borehole dimensions

Larghezza max. diaframma	600	mm
Max. diaphragm width	23,6	in
Lunghezza max. diaframma	2	m
Max. diaphragm length	7	ft
Profondità massima	14	m
Max. depth	46	ft



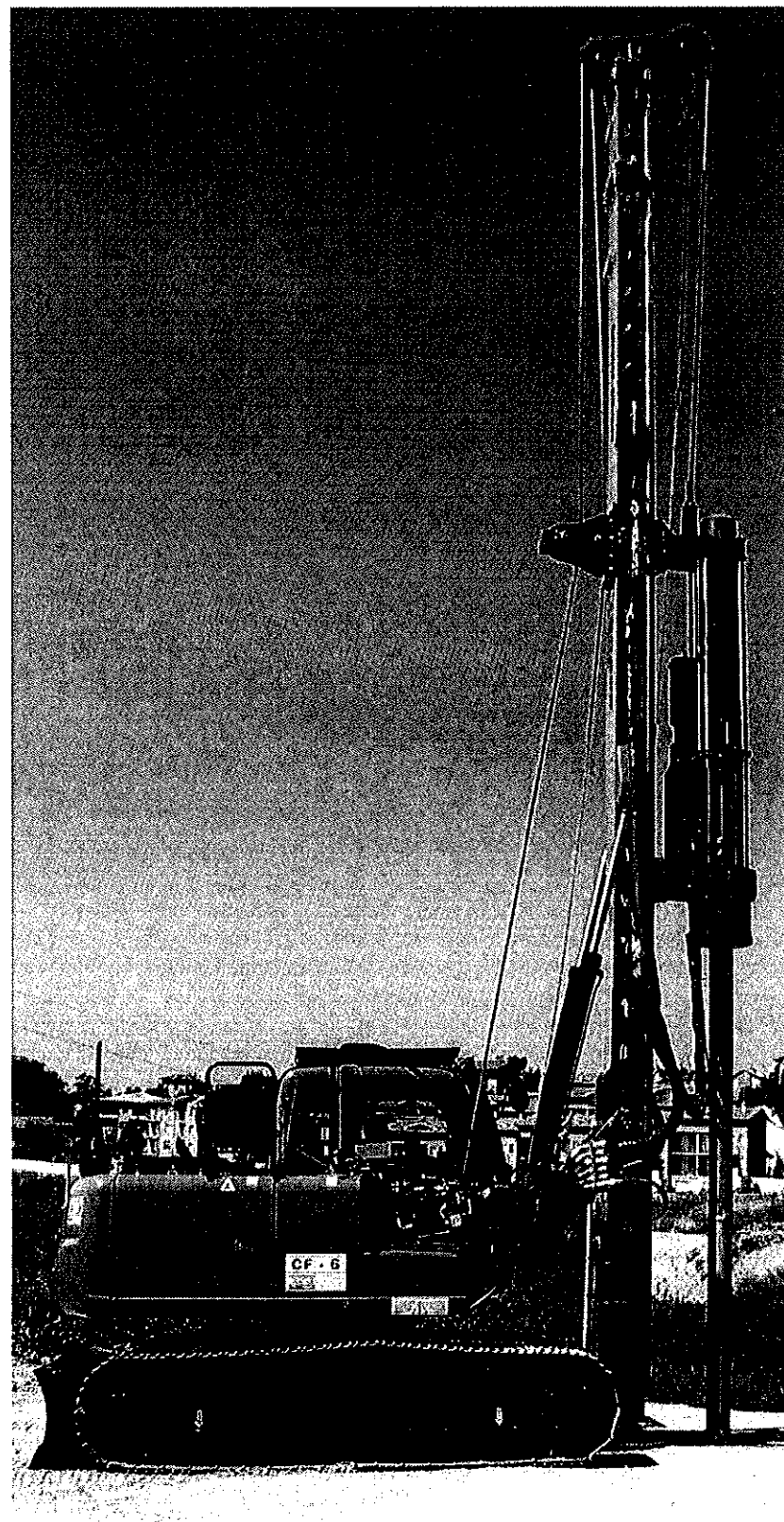
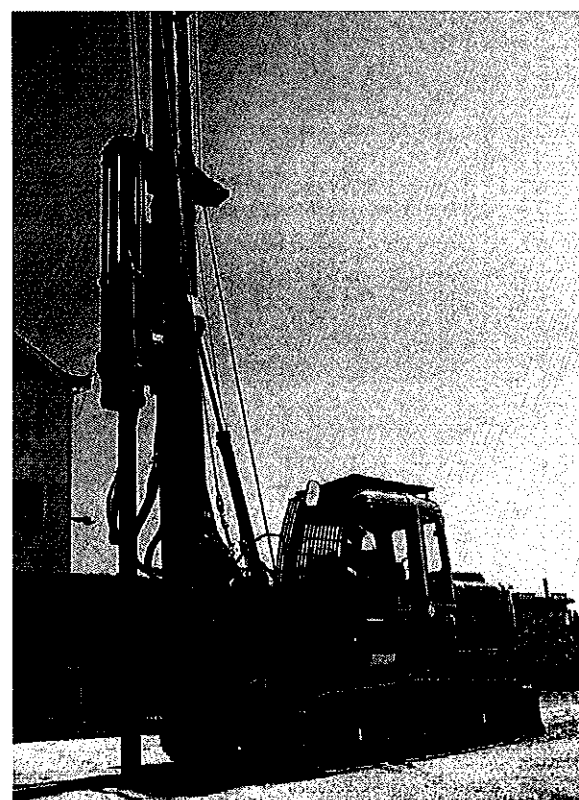
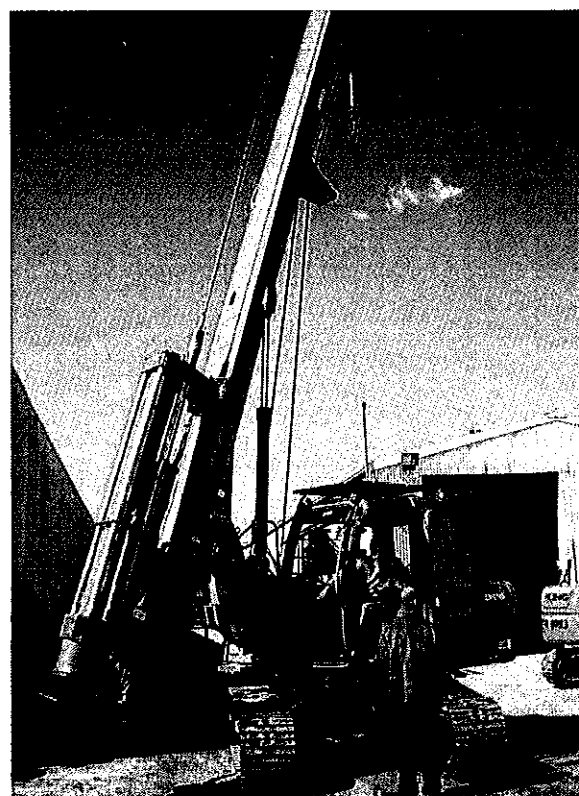
Configurazione trasporto / Transport configuration



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CF 6

Versione con Martello
Arrangement with Hammer



TESCAR

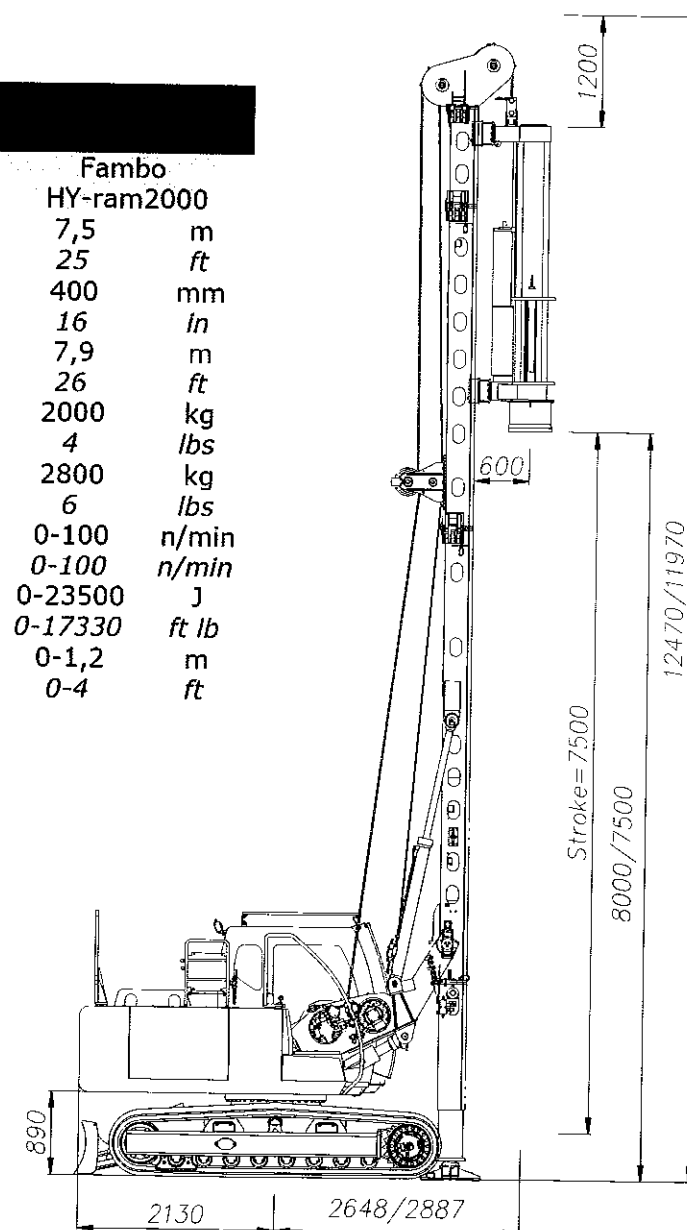
CF 6

Dimensioni
Dimensions

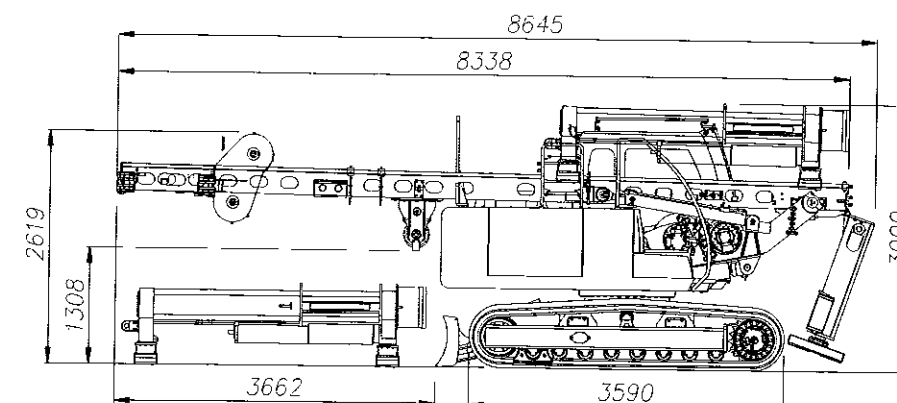
Dati tecnici

Technical data

Martello idraulico	Fambo	
Hydraulic hammer	HY-ram2000	
Corsa	7,5	m
Stroke	25	ft
Diametro max. del palo	400	mm
Max. pile diameter	16	in
Altezza max. del palo	7,9	m
Max. pile height	26	ft
Peso del pistone	2000	kg
Piston weight	4	lbs
Peso totale	2800	kg
Total weight	6	lbs
Colpi al minuto	0-100	n/min
Blow per min.	0-100	n/min
Energia per colpo	0-23500	J
Energy per blow	0-17330	ft lb
Altezza di caduta	0-1,2	m
Drop height	0-4	ft



Configurazione trasporto / Transport configuration

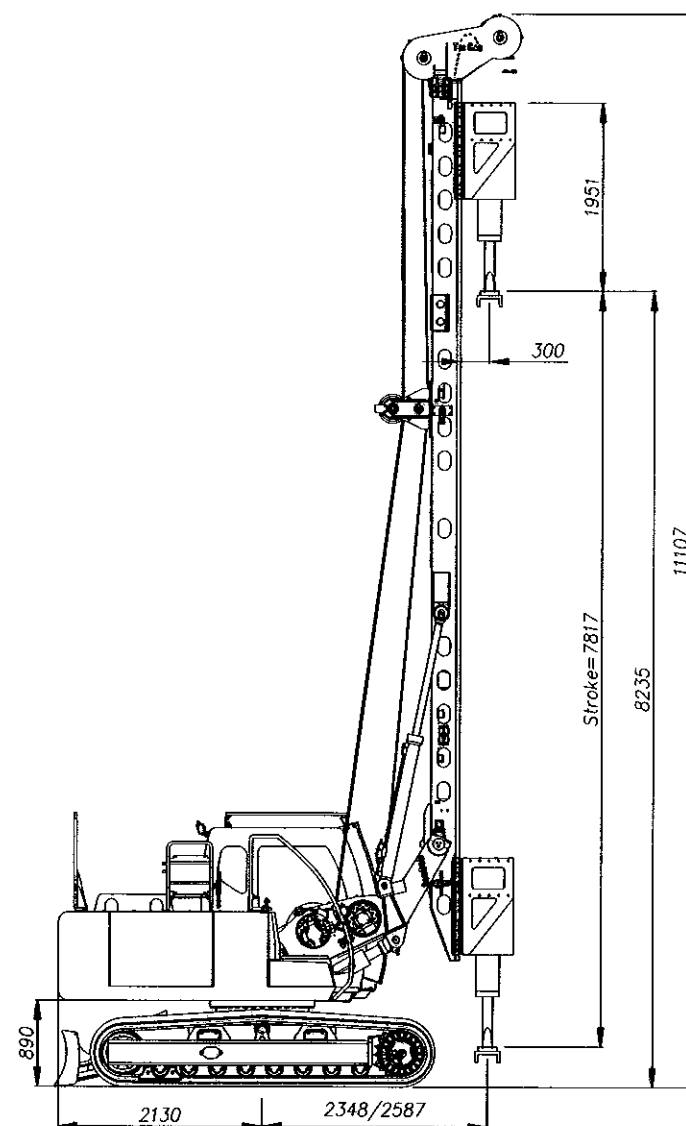


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Applicazione Pannelli Fotovoltaici e Barriere Stradali

Solar Panels and Guard Rails Application



Caratteristiche generali

General Characteristics

Diametro del palo	Pile diameter	200	mm	7,9	in
Profondità	Depth	10	m	32,8	ft
Peso del martello	Weight of breaker	1200	kg	2,6	lbs
Portata richiesta	Oil supply required	110-150	l/min	29,1-39,5	gal/min
Pressione al martello	Pressure to the breaker	115-140	MPa	16,6-20,3	ksi
Energia per colpo	Energy per blow	2440	Joule	1799,4	ft lb
Colpi al minuto	Striking rate per minute	460-940	n/min	460-940	n/min



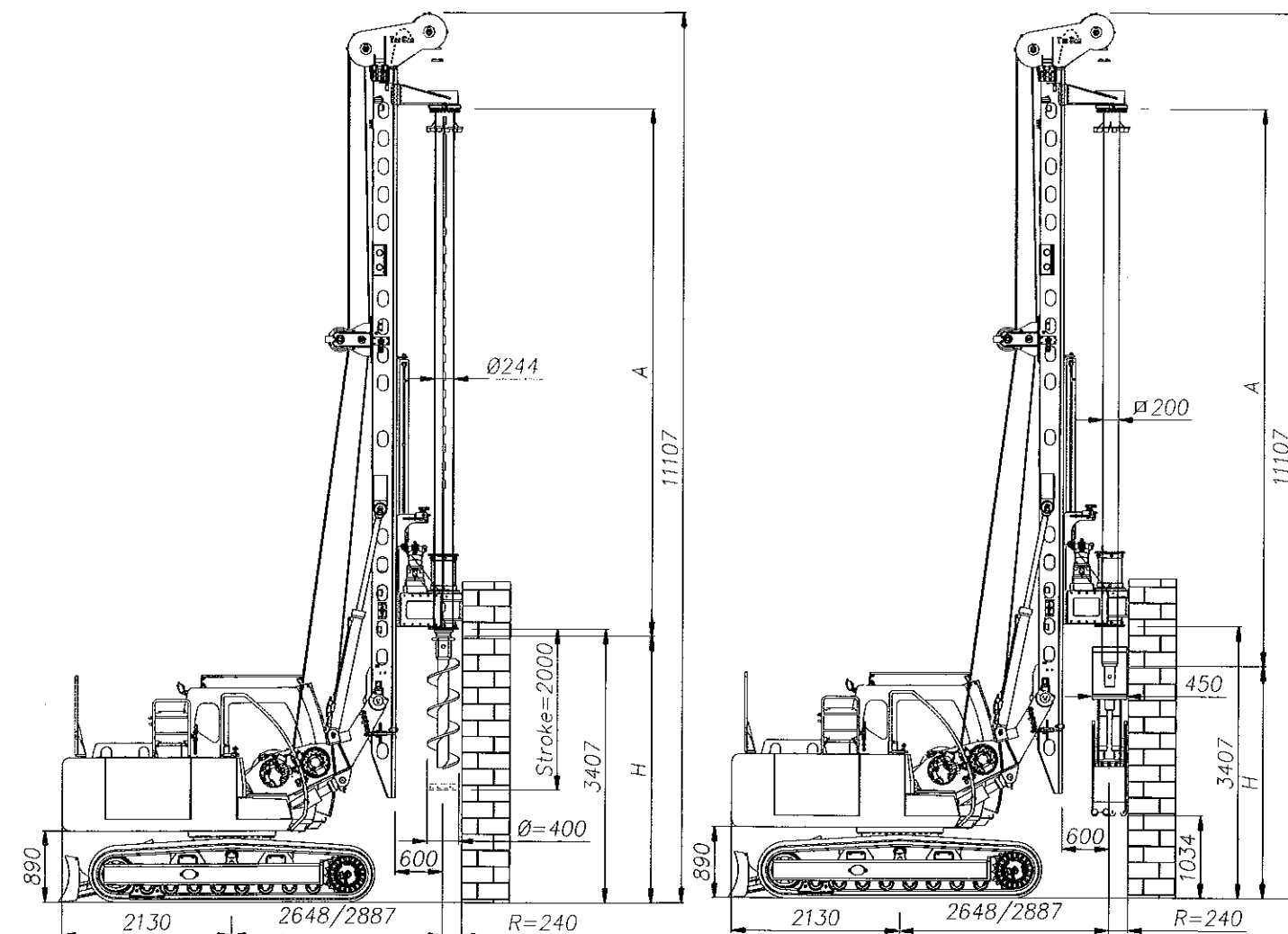
Verslone con Rotary filo muro

Arrangement for close to the wall Rotary

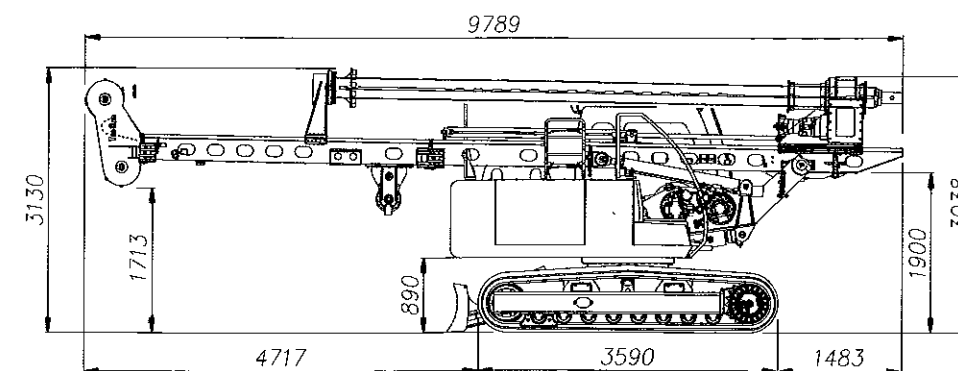
Aste a bloccaggio

Mechanical locking kelly bar

Numero elementi	Lunghezza (A)	Profondità	Altezza (H)
Elements no	Length (A)	Depth	Height (H)
	(mm)	(ft)	(mm)
3 (Ø)	6580	21,6	17,8
3 (Ø)	5640	18,5	15
2 (Ø)	7000	23,0	12
			58,4
			49,2
			39,4
			3320
			4220
			2900
			10,9
			13,8
			9,5



Configurazione trasporto / Transport configuration



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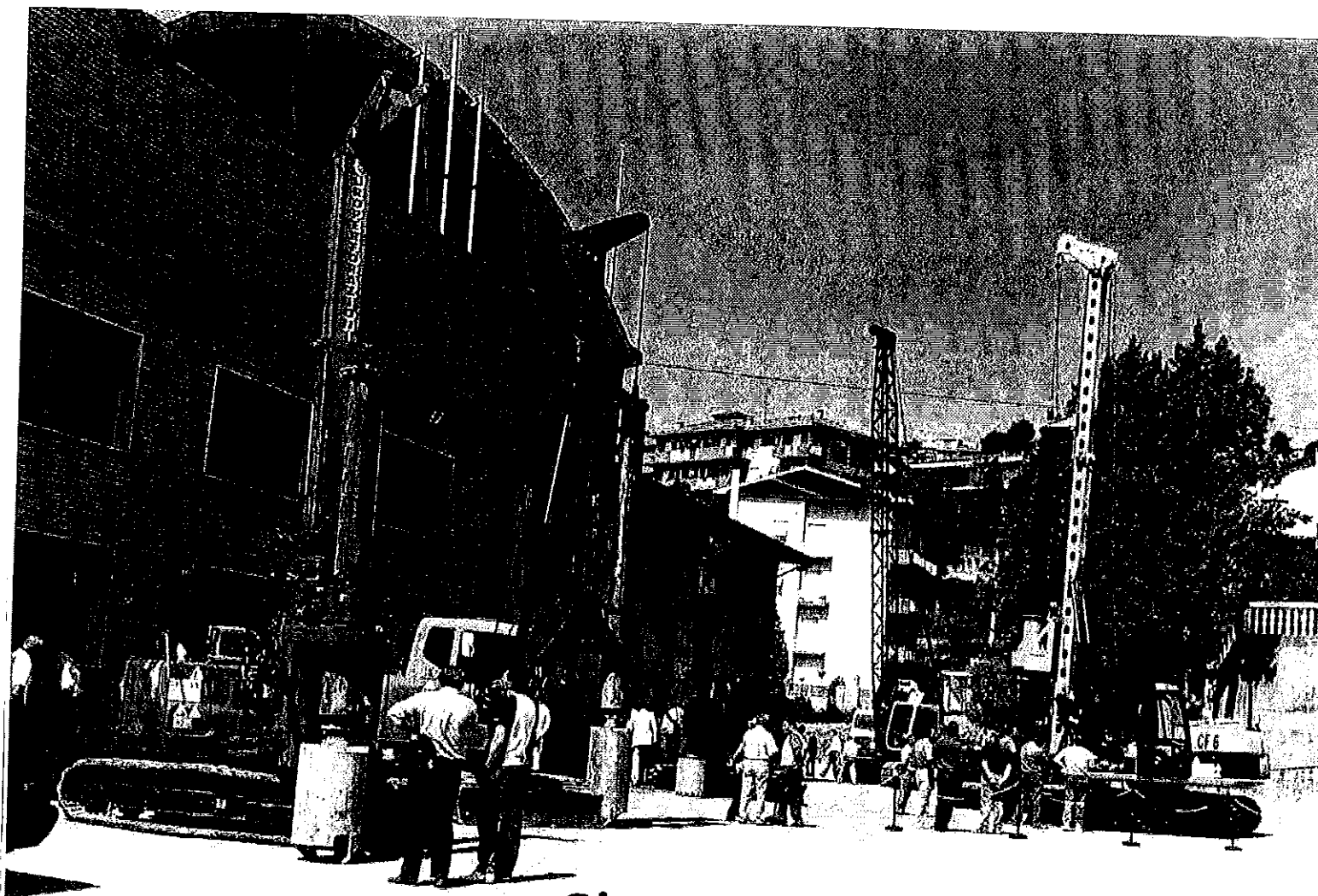
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