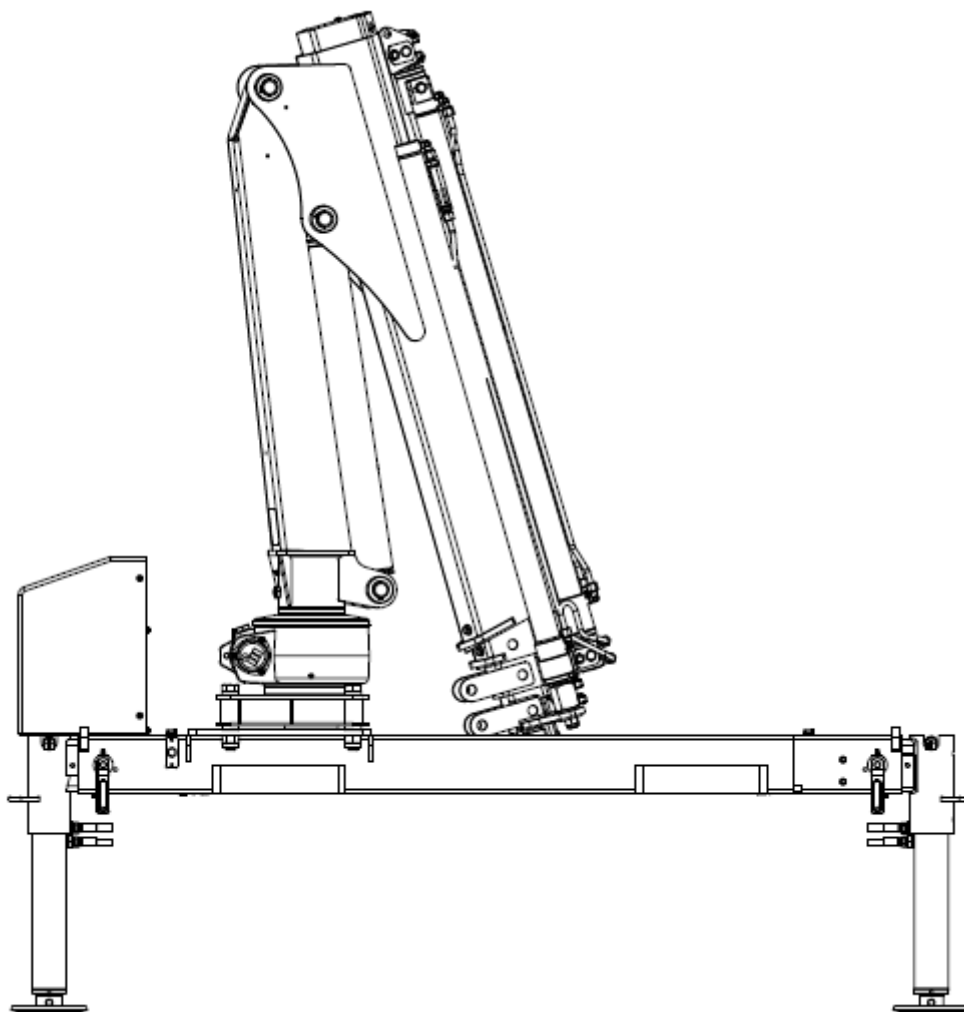


SCHEDA TECNICA TECHNICAL SHEET



U280

Cod.: MP.0.241 I-GB
Rev.: 0



Next Hydraulics®
RAISE YOUR EXPECTATIONS



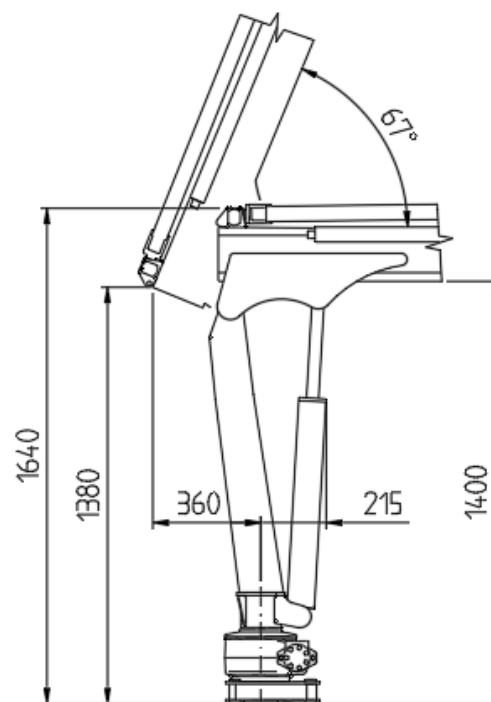
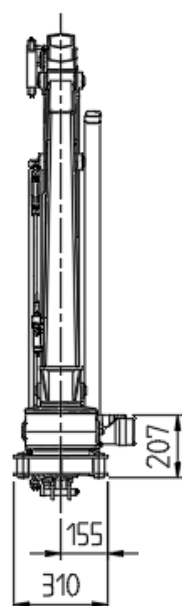
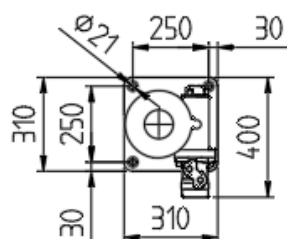
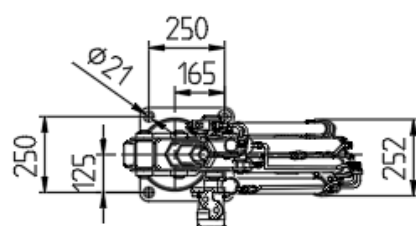
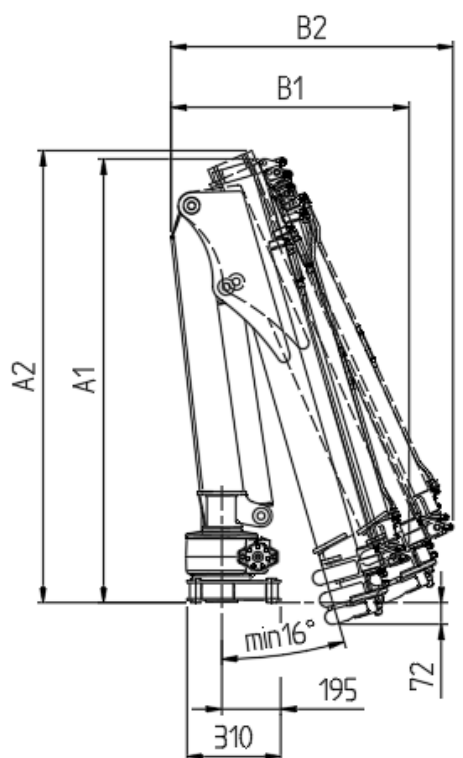
Management
System
ISO 9001:2008
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ID: 970503467



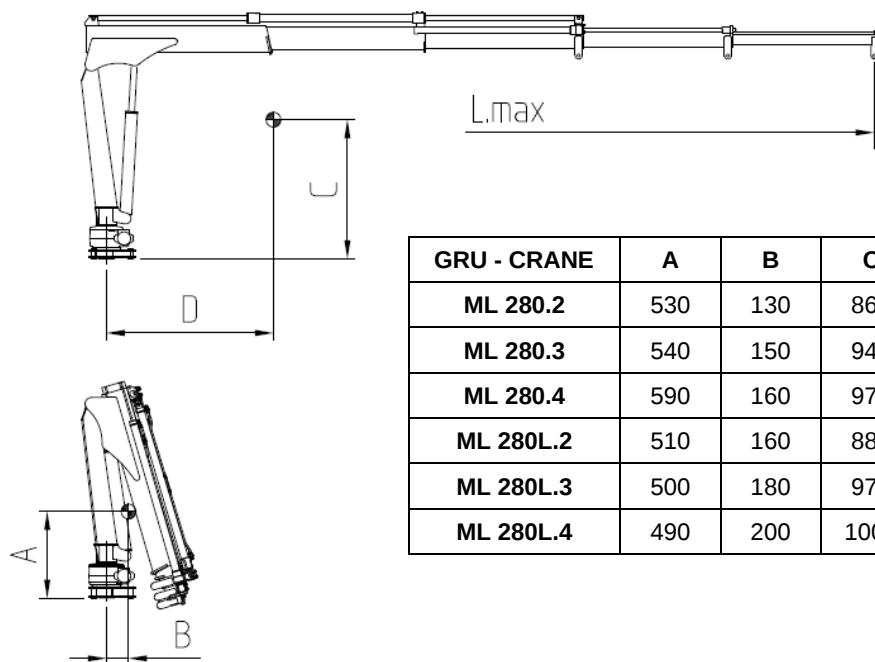
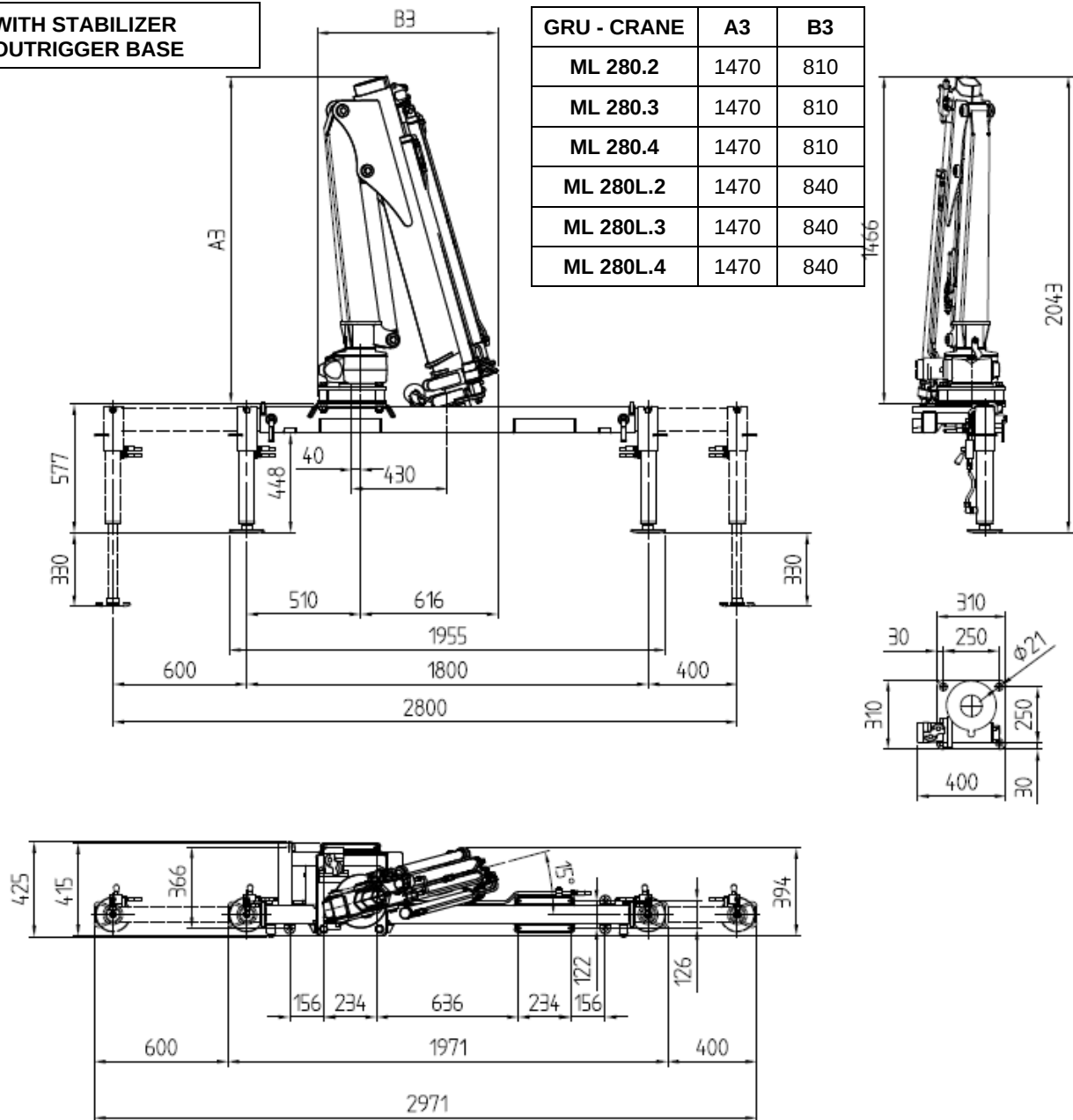
STANDARD CRANE

DIMENSIONI - DIMENSIONS

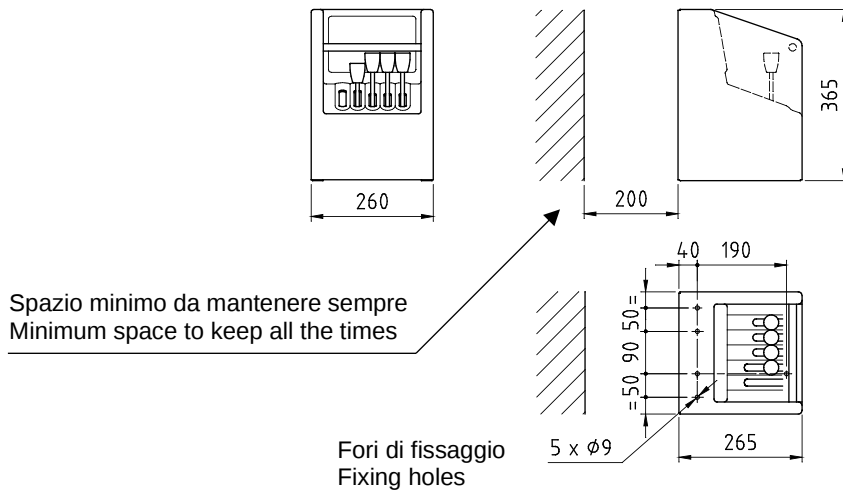
GRU - CRANE	A1	A2	B1	B2
ML 280.2	1470	1490	790	915
ML 280.3	1470	1490	790	925
ML280.4	1470	1490	790	935
ML 280L.2	1470	1540	840	1110
ML 280L.3	1470	1540	840	1190
ML 280L.4	1470	1540	840	1260



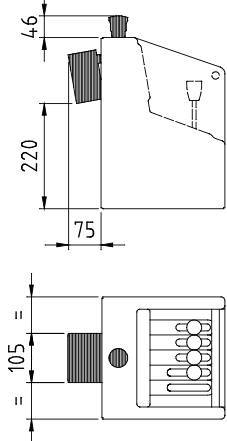
**WITH STABILIZER
OUTRIGGER BASE**



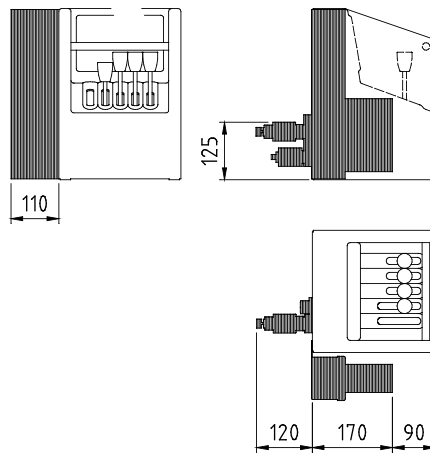
Consolle standard / Standard control station



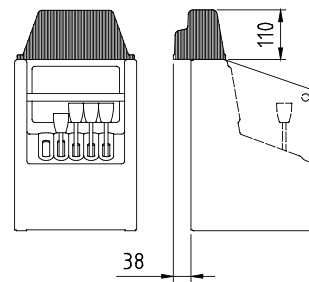
Versione "B" o Extra CE" con limitatore di rotazione o argano / "B" or Extra CE" version with slew limiter or winch



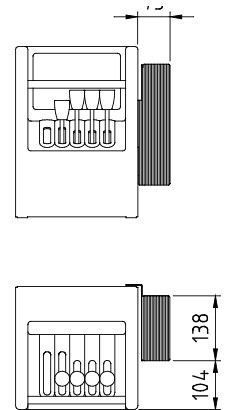
con comando a distanza / Control station with remote control



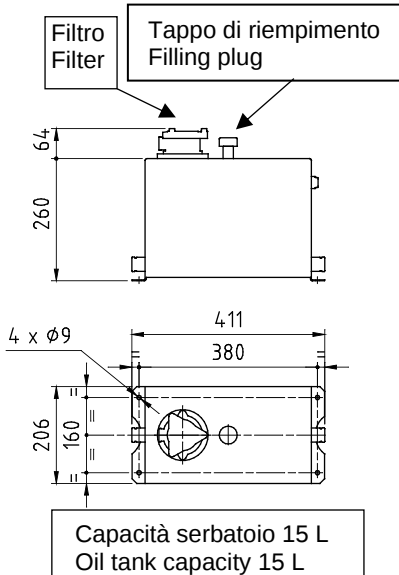
Vers. "SC5"



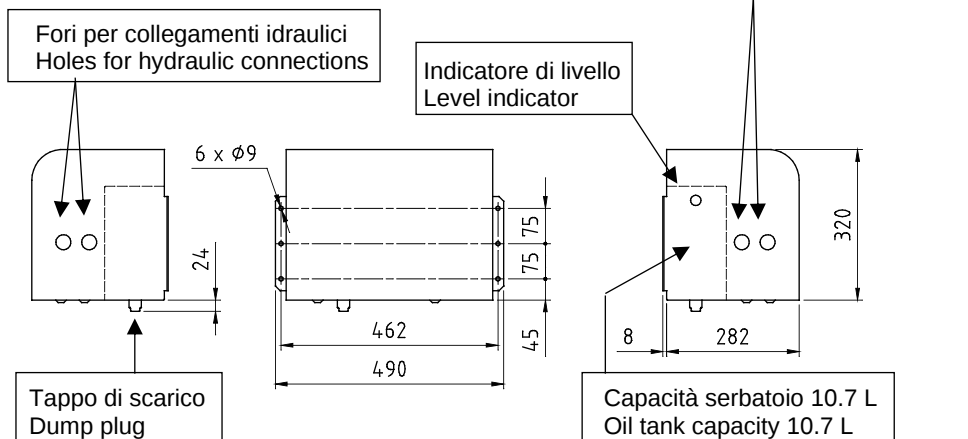
Versione "DL"- "LM5"- "SC5" con argano / "DL"- "LM5"- "SC5" version with winch



Serbatoio olio per versione H
Oil tank for H version



Cassetta elettropompa (versione E)
Power pack (E version)



DATI TECNICI - TECHNICAL DATA	U.M.	VERSIONE STANDARD – STANDARD VERSION		
		ML 280.2	ML 280.3	ML 280.4
MOMENTO DI SOLLEVAMENTO NETTO MASSIMO MAXIMUM NET LIFTING MOMENT	kNm	26		
N° SFILATE STANDARD (IDRAULICHE) STANDARD EXTENSIONS Nr (HYDRAULICS)	N°	2H	3H	4H
SBRACCIO STANDARD STANDARD OUTREACH	m	3.20	4.20	5.20
ANGOLO DI ROTAZIONE SLEWING ANGLE	°	360°		
INCLINAZIONE MASSIMA MAXIMUM ANGLE SLOPE	°	5°		
COPPIA DI ROTAZIONE SLEWING TORQUE	kNm	3.5		
ALTEZZA SOLLEVAMENTO MAX. DALLA BASE MAX. LIFTING HEIGHT FROM CRANE BASE	m	4.30	5.20	6.20
PORTATA CONSIGLIATA SUGGESTED OIL FLOW	l/min	10÷12		
PRESSIONE MAX. DI ESERCIZIO MAX. WORKING PRESSURE	bar	220		
PESO GRU BASE VERS. H BASIC CRANE WEIGHT VERS. E	kg	225 245	255 275	270 290
PESO BASAMENTO CON STABILIZZATORI ESTENDIBILI BASE WEIGHT WITH EXTENDABLE STABILIZERS	kg	105		
ASSORBIMENTO MOTORE GRU ELETTROIDR. 24V MOTOR ABSORPTION FOR ELECTROHYDR. CRANE 24V	A	50/150	50/150	50/150
ASSORBIMENTO MOTORE GRU ELETTROIDR. 12V MOTOR ABSORPTION FOR ELECTROHYDR. CRANE 12V	A	80/240	80/240	-

SPECIFICHE ARGANO - WINCH SPECIFICATIONS	U.M.	
ARGANO TIRO DIRETTO MAX. (3°STRATO) MAX. WINCH SINGLE LINE CAPACITY (3 rd LAYER)	kg	700
DIAMETRO FUNE ROPE DIAMETER	mm	7
LUNGHEZZA FUNE ROPE LENGTH	m	30
PESO KIT ARGANO WINCH KIT WEIGHT	kg	70

VERSIONE - VERSION	DESCRIZIONE	DESCRIPTION
"E 12V"	ELETTROIDRAULICA 12V (280.2 e 280.3)	ELECTROHYDRAULIC 12V (280.2 & 280.3)
"E 24V"	ELETTROIDRAULICA 24V	ELECTROHYDRAULIC 24V
"H"	IDRAULICA (PRESA DI FORZA)	HYDRAULIC (PTO DRIVES)

TEMPI DI FUNZIONAMENTO					OPERATING TIMES					
VERS.	ROTAZ. SLEW. (rpm)	SOLLEV. LIFT. (sec)		DISCESA LOWERING (sec)	USCITA EXTENSION OUT (sec)			RIENTRO EXTENSION IN (sec)		
		p min	p max		280.2	280.3	280.4	280.2	280.3	280.4
“E” 12/24V	2,4	17	30	16	16	23	-	8	13	-
“H” (PTO)	2.7	17		16	16	23	30	8	13	18

p min: pressione min. di esercizio – min. working pressure

p max: pressione max. di esercizio – max. working pressure

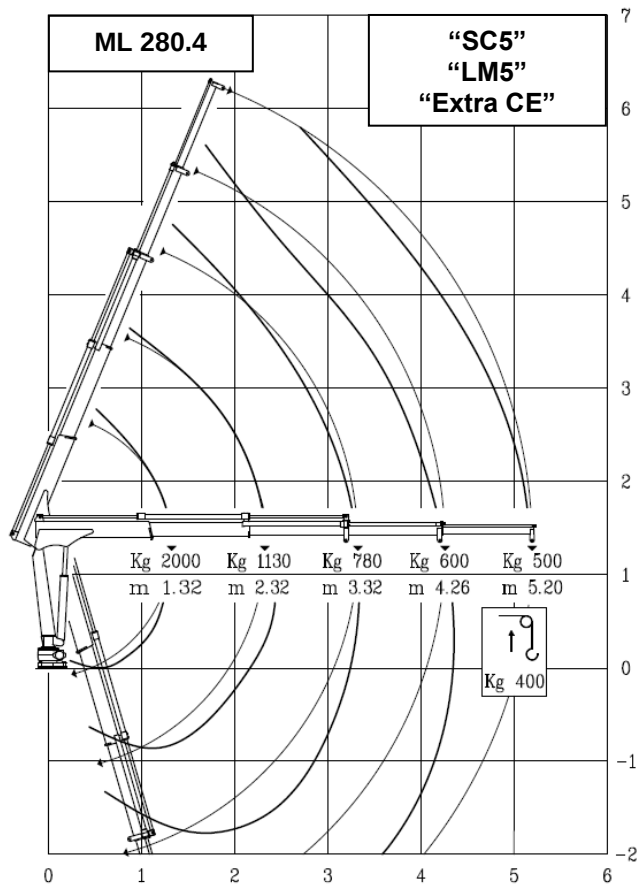
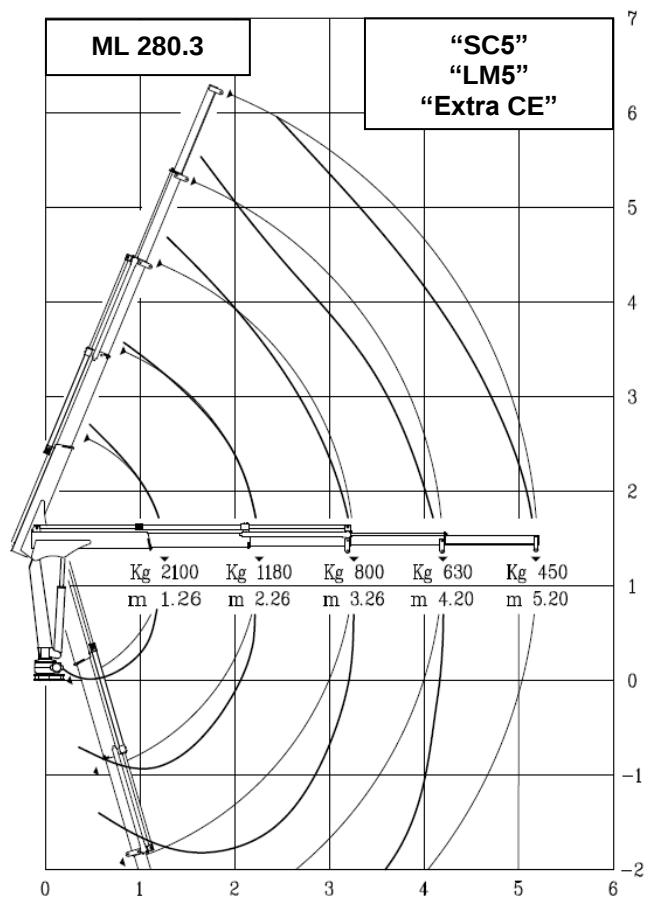
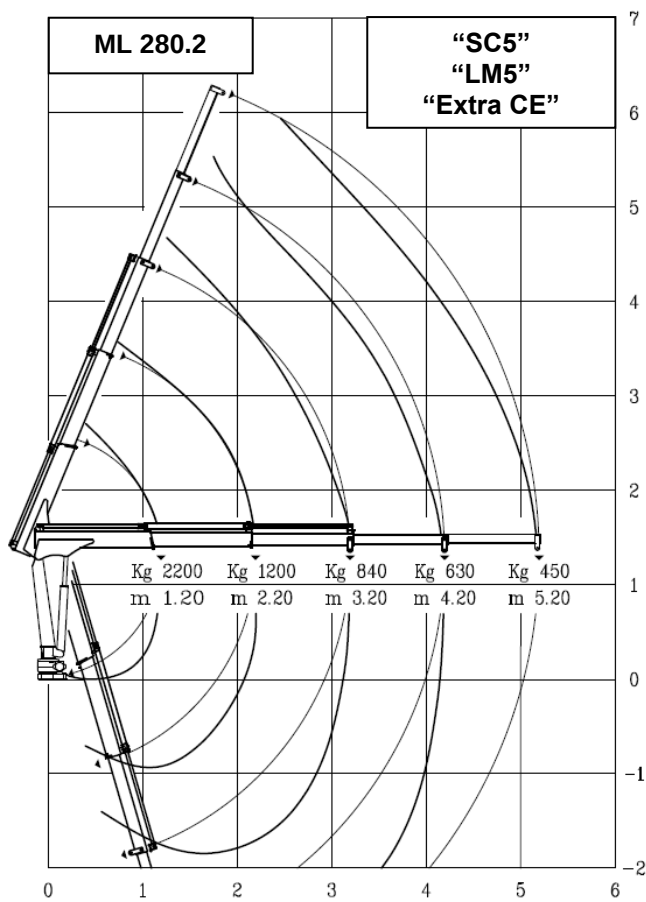
DATI TECNICI - TECHNICAL DATA	U.M.	VERSIONE "L" "L" VERSION		
		ML 280L.2	ML 280L.3	ML 280L.4
CAPACITA' DI SOLLEVAMENTO CRANE RATING	kNm	26		
N° SFILATE STANDARD (IDRAULICHE) STANDARD EXTENSIONS Nr (HYDRAULICS)	N°	2H	3H	4H
SBRACCIO STANDARD STANDARD OUTREACH	m	3.80	5.00	6.00
ANGOLO DI ROTAZIONE SLEWING ANGLE	°	360°		
INCLINAZIONE MASSIMA MAXIMUM ANGLE SLOPE	°	5°		
COPPIA DI ROTAZIONE SLEWING TORQUE	kNm	3.5		
ALTEZZA SOLLEVAMENTO MAX. DALLA BASE MAX. LIFTING HEIGHT FROM CRANE BASE	m	4.80	5.90	6.90
PORTATA CONSIGLIATA SUGGESTED OIL FLOW	l/min	10÷12		
PRESSIONE MAX. DI ESERCIZIO MAX. WORKING PRESSURE	bar	220		
PESO GRU BASE BASIC CRANE WEIGHT	kg	235 255	270 290	290 310
PESO BASAMENTO CON STABILIZZATORI ESTENDIBILI BASE WEIGHT WITH EXTENDABLE STABILIZERS	kg	105		
ASSORBIMENTO MOTORE GRU ELETTROIDR. 24V MOTOR ABSORPTION FOR ELECTROHYDR. CRANE 24V	A	50/150	50/150	50/150
ASSORBIMENTO MOTORE GRU ELETTROIDR. 12V MOTOR ABSORPTION FOR ELECTROHYDR. CRANE 12V	A	80/240	80/240	-

SPECIFICHE ARGANO - WINCH SPECIFICATIONS	U.M.	
ARGANO TIRO DIRETTO MAX. (3°STRATO) MAX. WINCH SINGLE LINE CAPACITY (3 rd LAYER)	kg	700
DIAMETRO FUNE ROPE DIAMETER	mm	7
LUNGHEZZA FUNE ROPE LENGTH	m	30
PESO KIT ARGANO WINCH KIT WEIGHT	kg	70

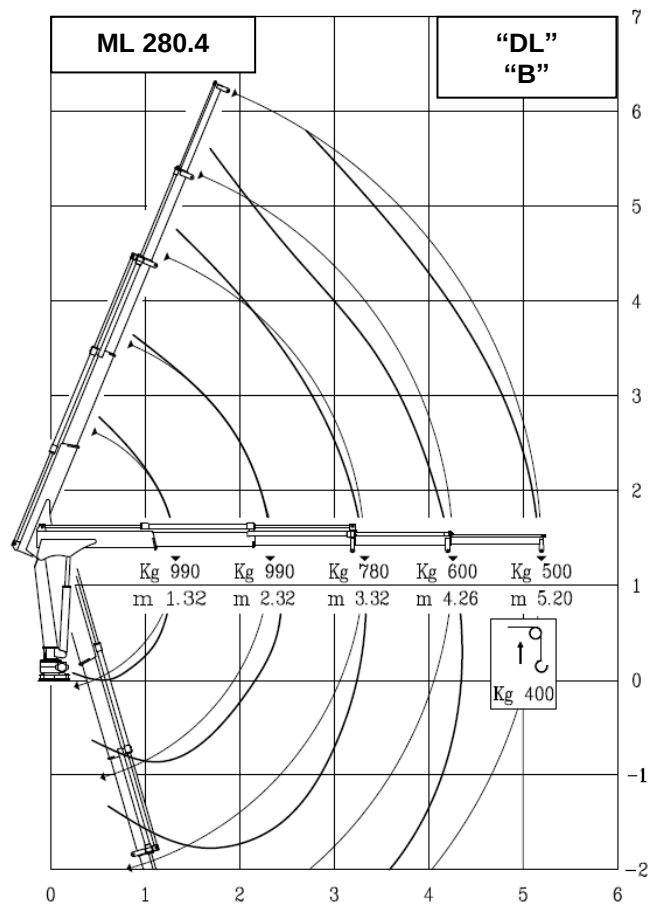
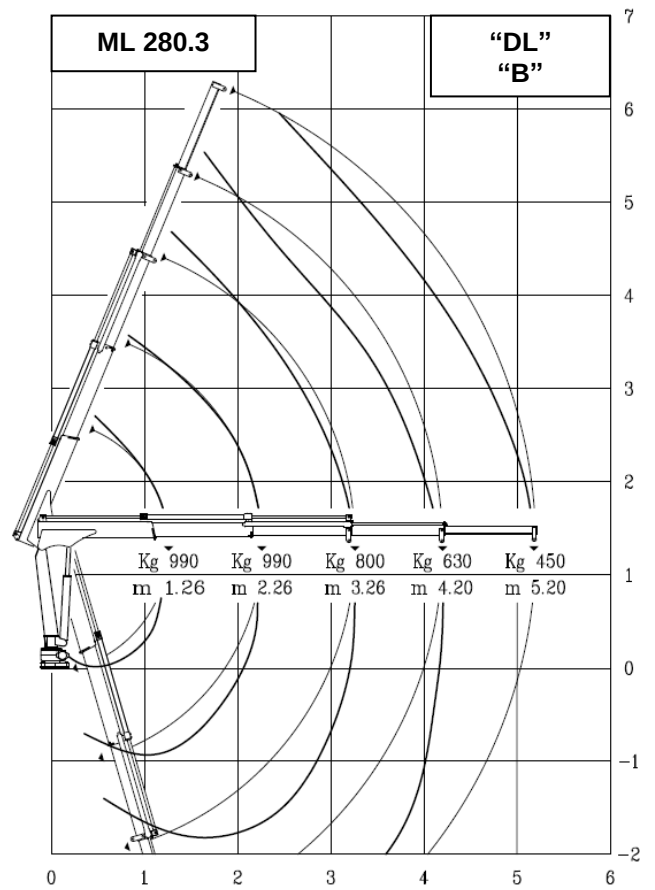
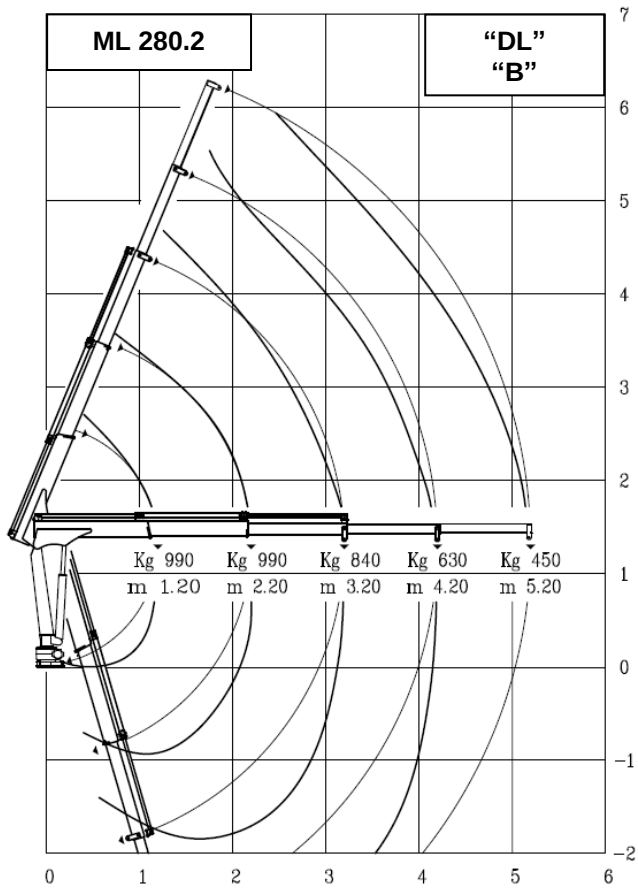
VERSIONE - VERSION	DESCRIZIONE	DESCRIPTION
"E 12V"	ELETTROIDRAULICA (280L.2 e 280L.3)	ELECTROHYDRAULIC (280L.2 & 280L.3)
"E 24V"	ELETTROIDRAULICA	ELECTROHYDRAULIC
"H"	IDRAULICA (PRESA DI FORZA)	HYDRAULIC (PTO DRIVES)

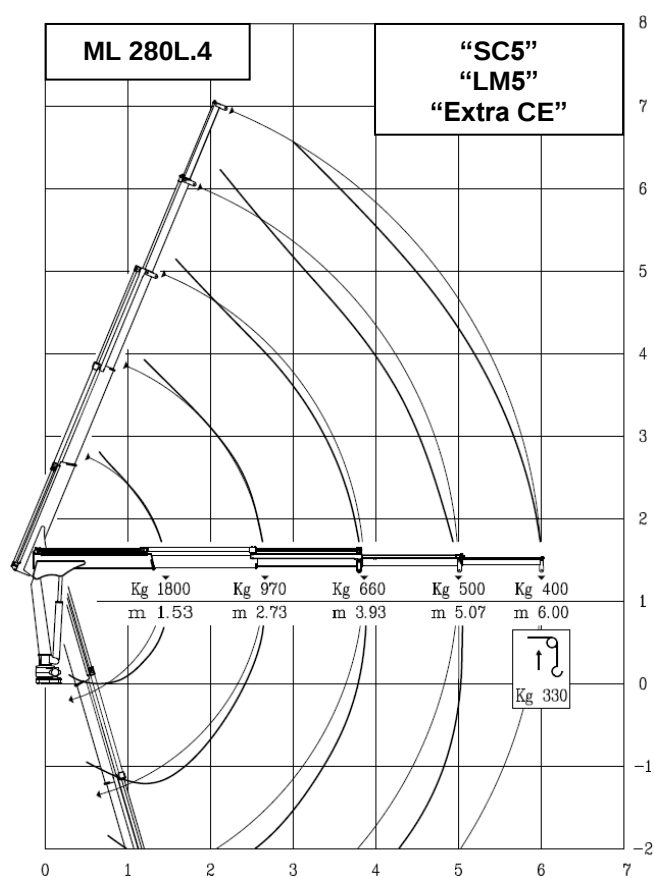
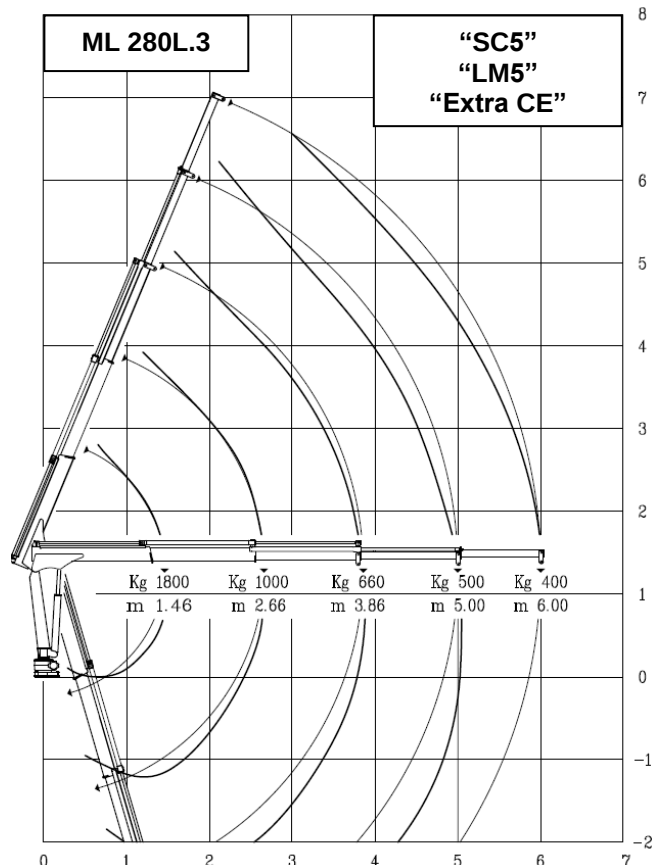
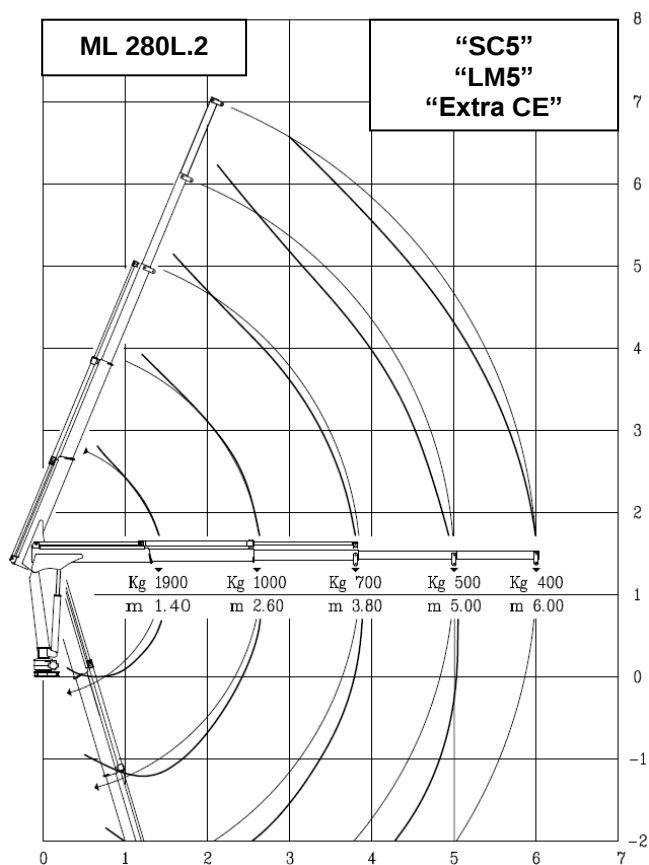
TEMPI DI FUNZIONAMENTO					OPERATING TIMES				
VERS.	ROTAZ. SLEW. (rpm)	SOLLEV. LIFT. (sec)		DISCESA LOWERING (sec)	USCITA EXTENSION OUT (sec)			RIENTRO EXTENSION IN (sec)	
		p min	p max		280L.2	280L.3	280L.4	280L.2	280L.3
"E" 12/24V	2.4	17	30	16	19	28	-	9	15
"H" (PTO)	2.7	17		16	19	28	36	9	15

p min: pressione min. di esercizio – min. working pressure
p max: pressione max. di esercizio – max. working pressure

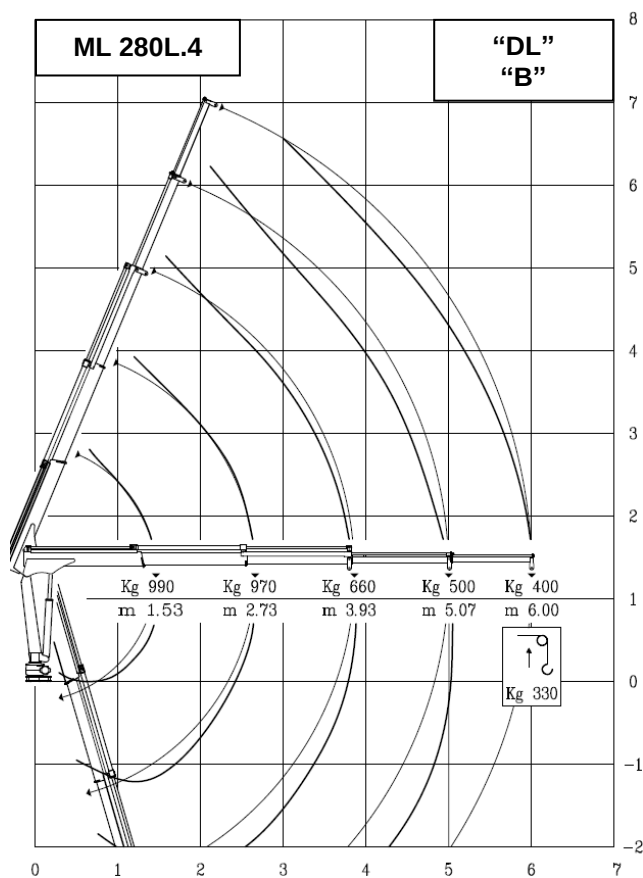
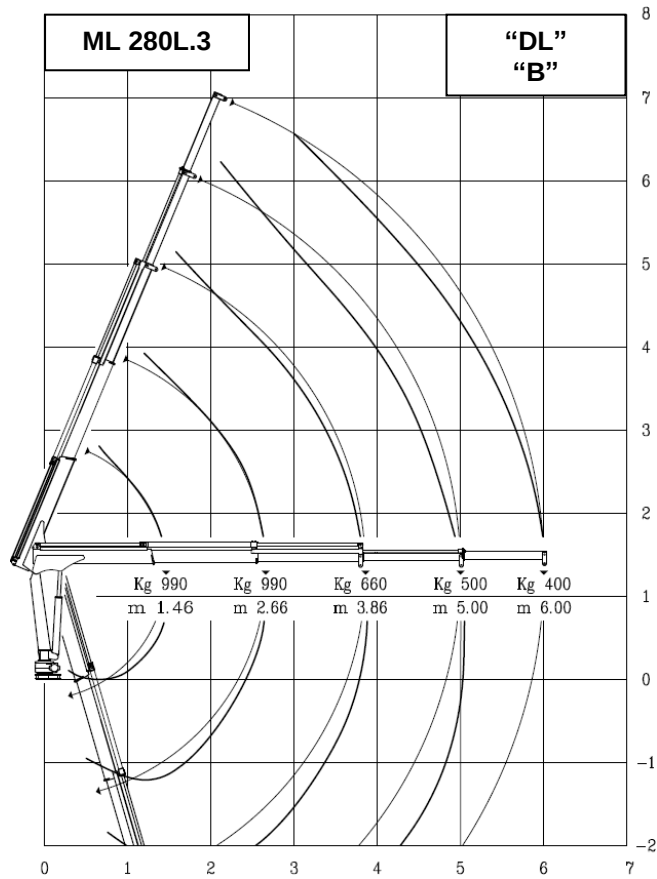
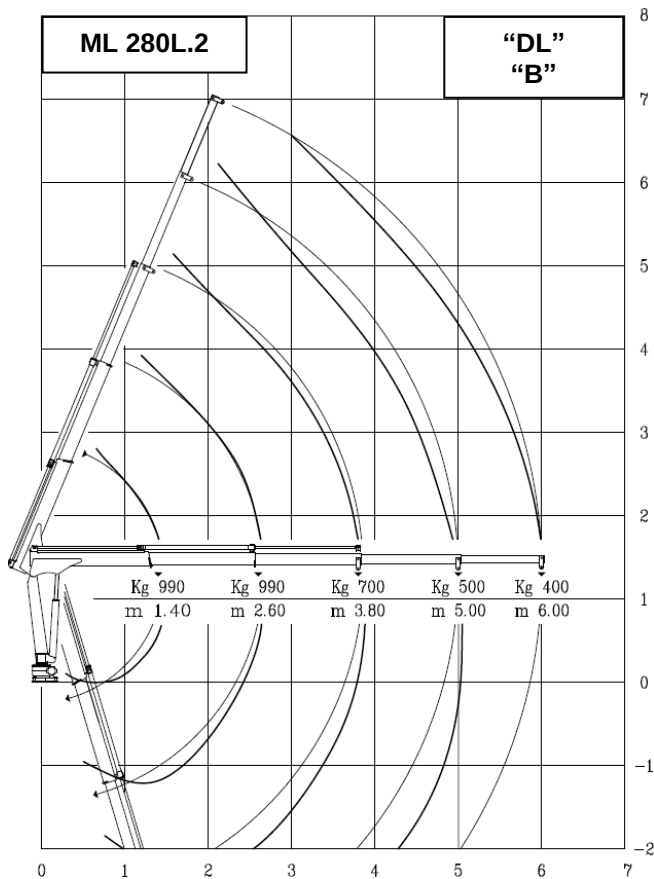


Nelle versioni “SC5” e “LM5”, le prolunghe meccaniche non sono controllate dal limitatore
 In the “SC5” and “LM5” versions, the mechanical extensions are not controlled by the load limiter





Nelle versioni “SC5” e “LM5”, le prolunghe meccaniche non sono controllate dal limitatore
 In the “SC5” and “LM5” versions, the mechanical extensions are not controlled by the load limiter



Classe sollev.
Lifting class

HC1 – HD4



by Next Hydraulics Via Mediterraneo n°6, 42022 Boretto (R.E.) Italy

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