

## EBB Electronic Black Box

Scheda elettronica studiata da AMCO VEBA per garantire un controllo efficace ed affidabile della gru in tutte le condizioni di lavoro. Il display fornisce all'operatore tutte le informazioni circa lo stato della gru, degli eventuali accessori installati e della manutenzione programmata. Tutti i componenti sono di derivazione automobilistica e garantiscono la massima affidabilità.

AMCO VEBA has designed this control motherboard to assure an effective and reliable control of the crane in every working condition. The operator can read on the display all the informations about the state of the crane, of the accessories and of the routine maintenance. All the components are designed according to automotive industry stds. and assure the highest reliability.



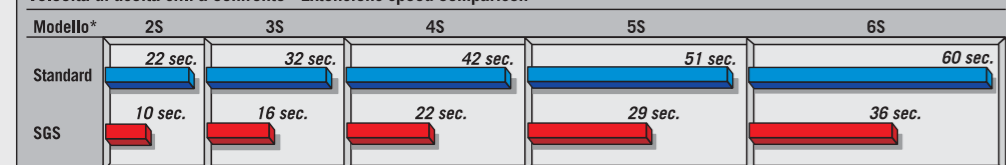
## SGS Sprint Generation System

L'applicazione dell'SGS aumenta la velocità di uscita degli sfilii senza pregiudicare la sicurezza della macchina.

Purpose of SGS system is to increase the extensions speed without effecting the crane safety.



### Velocità di uscita sfilii a confronto - Extensions speed comparison



\*) modello di riferimento 820

## SDD Soft Descend Drive

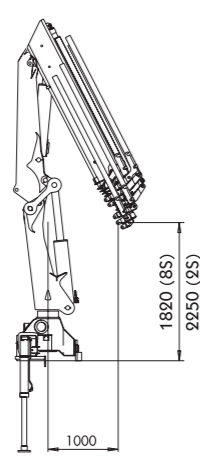
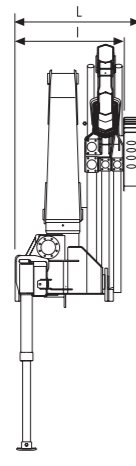
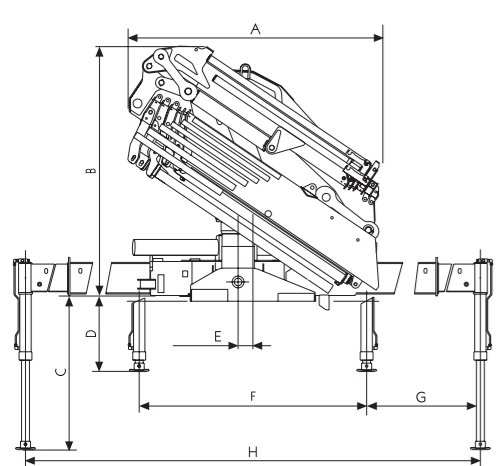
Il sistema SDD è studiato per smorzare le oscillazioni e garantire un perfetto controllo del movimento di discesa del braccio.

The SDD system is designed to reduce the oscillations and assure a perfect control of the motions.

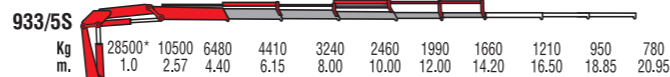
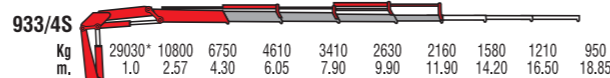
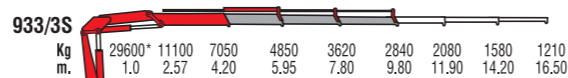
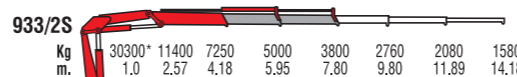
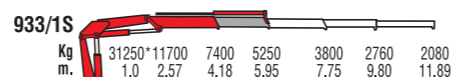


933	1S	2S	3S	4S	5S	6S	7S	8S	4S/J4S	5S/J4S
A	2500	2500	2500	2500	2500	2500	2500	2530	2535	2545
B	2355	2355	2355	2355	2355	2405	2490	2550	2585	2585
C	1486	1486	1486	1486	1486	1486	1486	1486	1486	1486
D	694	694	694	694	694	694	694	694	694	694
E	150	150	150	150	150	150	150	150	150	150
F	2300	2300	2300	2300	2300	2300	2300	2300	2300	2300
G	1950	1950	1950	1950	1950	1950	1950	1950	1950	1950
H	6200	6200	6200	6200	6200	6200	6200	6200	6200	6200
I	1170	1170	1170	1170	1170	1170	1300	1300	1170	1170
L	-	-	-	-	-	-	-	-	1330	1330

Radiocomando multifunzione abbinato a distributore proporzionale compensato (Danfoss)  
Radio remote control system with pressure compensated valve block (Danfoss)  
Radio-commande multifonctions (Danfoss)  
Multifunktions-Rundfunkbedienung (Danfoss)  
Radiocontrol multifunciones (Danfoss)  
Controlo remoto multifuncional (Danfoss)



## DATI TECNICI TECHNICAL DATA



\*) Portata teorica - Theoretical lifting capacity

MOMENTO DI SOLLEVAMENTO  
MAX. LIFTING MOMENT  
MOMENT D'ELEVATION MAX.  
MAX. AUFLIEBEMOMENT  
MOMENTOS DE ELEVACION  
MOMENTO DE ELEVACAO MAX.  
(t.m.)

	1S	2S	3S	4S	5S	6S	7S	8S
	31.3							

PENDENZA MAX. DI LAVORO  
MAX WORKING HEEL  
DEVERS MAXI DE TRAVAIL  
MAX. ARBEITSNEIGUNG  
INCLINACION MAX. DE TRABAJO  
PENDENCIA MAX. DE TRABALHO  
(°)

4°(8%)

SBRACCIO MAX. VERTICALE  
MAX VERTICAL REACH  
LONGEUR DU BRAS VERTICALE  
MAX. VERTIKAL REICHWEITE  
ALCANCE MAX. VERTICAL  
ALCANCE MAX. VERTICAL  
(m.)

	1S	2S	3S	4S	5S	6S	7S	8S
hyd.	9.9	11.7	13.5	15.5	17.8	20.0	22.3	24.5
man.	16.1	18.0	20.0	22.3	24.4	26.4	28.6	
J.4s hyd.			25.2	27.3				

PRESSIONE D'ESERCIZIO  
WORKING PRESSURE  
PRESSION DE SERVICE  
BETRIEBSDRUCK  
PRESION DE TRABAJO  
PRESSAO DE TRABALHO  
(bar)

305

ANGOLO DI ROTAZIONE  
SLEWING ANGLE  
ANGLE ROTATION  
DREHWINKEL  
ANGULO DE ROTACION  
ANGULO DE ROTACAO  
(°)

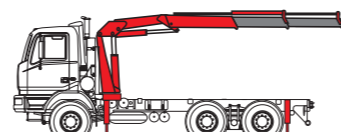
	1S	2S	3S	4S	5S	6S	7S	8S
	400°							

PESO GRU SENZA STABILIZZATORI  
CRANE WEIGHT WITHOUT STABILIZER  
MASSE GRUE SANS STABILISATEURS  
KRANGEWICHT OHNE ABSTÜTZUNGEN  
PESO DE LA GRUA SIN GATOS  
PESO DA GRUA SEM ESTABILIZADORE  
(kg.)

	1S	2S	3S	4S	5S	6S	7S	8S
J.4s	3050	3280	3500	3730	3900	4060	4180	4300
				4570	4740			

PORTATA AL DISTRIBUTORE  
OIL HYDRAULIC DISCHARGE TO THE DISTRIBUTOR BOX  
DÉBIT D'UILE HYDRAULIQUE AU DISTRIBUTEUR  
HYDRAULISCHE ÖLTRAGFAHIGKEIT ZUM VERTEILER  
CAUDAL AL DISTRIBUIDOR  
DESCARGA DE OLEO HIDRAULICO AO DISTRIBUIDOR  
(l/min.)

45



Autocarro consigliato  
Recommended truck  
Camion conseillé  
Caminhão aconselhado  
Passo - Wheelbase - Empattement - Passo: 4200 mm. M.T.T. ton 24 G.V.W. ton 24

### ACCESSORI

- Attivazione elementi supplementari \*
- Posto di manovra in alto
- Verricello
- Comando a distanza

\*) no 7S-8S

### ACCESSORIES

- Supplementary element activation\*
- Top seat
- Winch
- Remote control

\*) no 7S-8S

### ACCESSOIRES

- Activation éléments supplémentaires\*
- Poste de manoeuvre en haut
- Treuil
- Commande à distance

\*) no 7S-8S

### ZUBEHOERE

- Zusatzfunktionen
- Hochsitz
- Winde
- Funksteuerung

\*) no 7S-8S

### ACCESORIOS

- Activación elementos suplementarios\*
- Puesto de maniobra arriba
- Cabrestante
- Mando a distancia

\*) no 7S-8S

### ACCESORIOS

- Ativação de elementos suplementares\*
- Posto de manobra no cimo
- Guincho
- Comando a distância

\*) no 7S-8S

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COMPANY  
WITH QUALITY SYSTEM  
CERTIFIED BY DNV  
=ISO 9001/2000=





- Limitatore di momento
- Comandi bilaterali
- Sfili esagonali
- Mart. sfilo indipendenti
- Mart. stab. fissi
- Stabilizzatori allargabili idraulicamente
- Valvole flangiate
- Serbatoio olio
- Kit di montaggio
- Norma di progettazione: DIN 15018
- Classe di collaudo a fatica: B3
- Sprint Generation System (SGS)
- Electronic Black Box (EBB) only Radio
- Soft Descend Drive (SDD)



- Load limiting device
- Dual controls
- Hexagonal section extension
- Independent extension cylinders
- Fixed stabilizer cylinders
- Outriggers with hydraulic extension
- Flanged valves
- Oil tank
- Assembly kit
- Design in accordance with DIN 15018
- Fatigue test classification: B3
- Sprint Generation System (SGS)
- Electronic Black Box (EBB) only Radio
- Soft Descend Drive (SDD)



- Limiteur de moment
- Commandes bilatérales
- Extensions hydrauliques à section hexagonale
- Vérins hydrauliques à sortie indépendante
- Béquilles fixes
- Béquilles avec ouverture hydraulique
- Vannes bridées
- Réservoir pour huile
- Kit de brides de fixation
- Normes de calcul: DIN 15018
- Essai de fatigue avec classification: B3
- Sprint Generation System (SGS)
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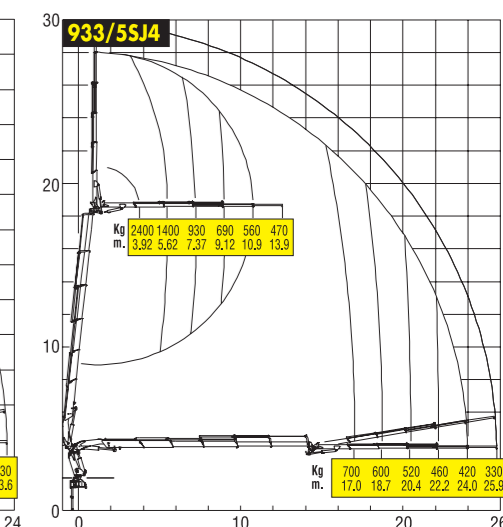
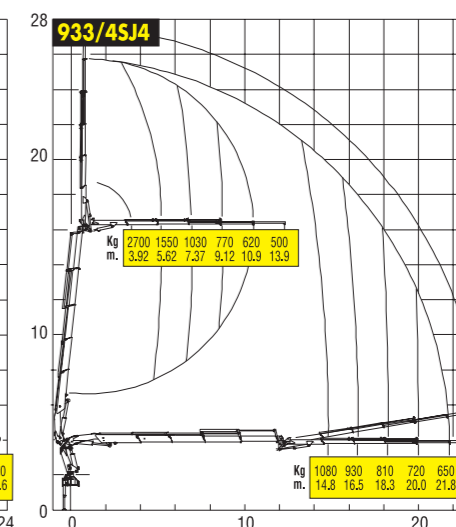
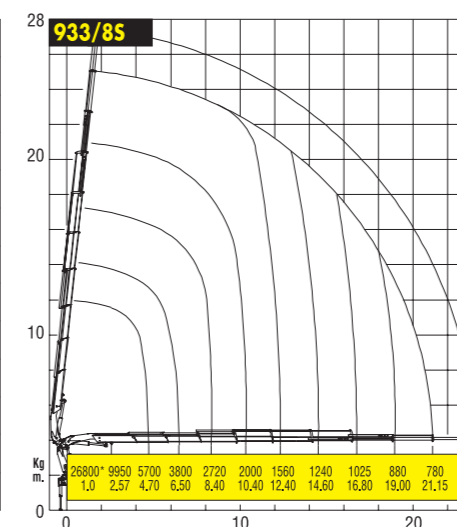
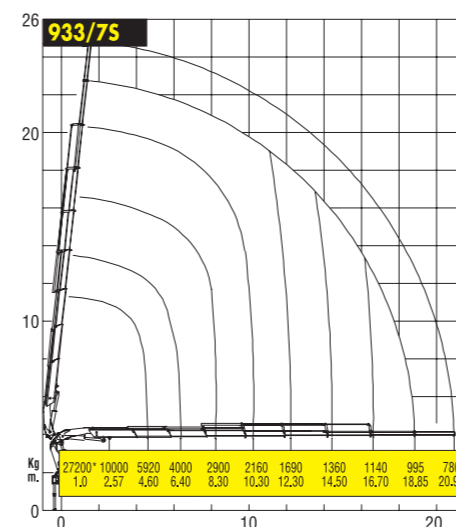
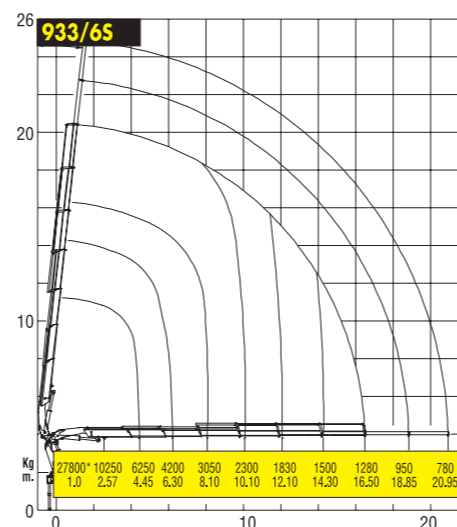
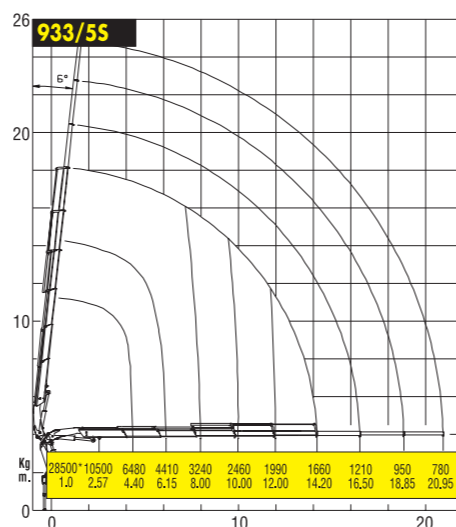
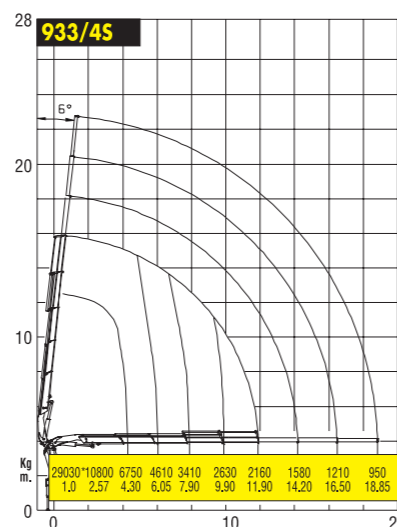
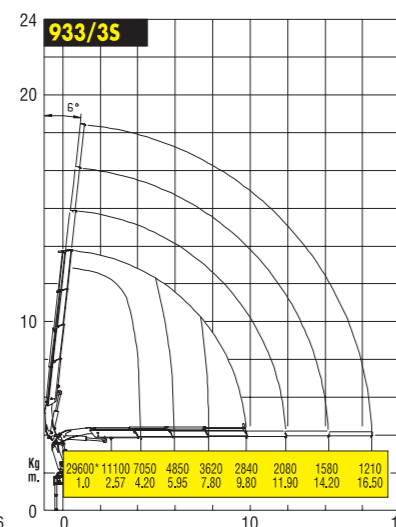
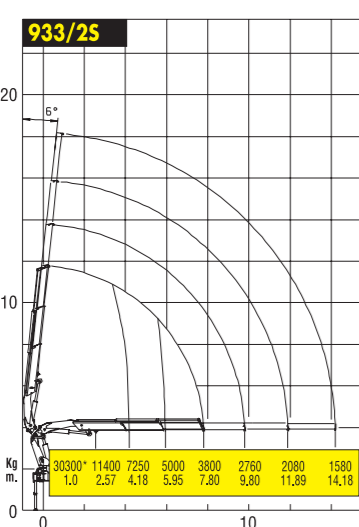
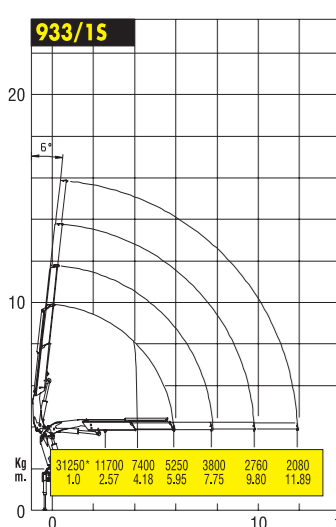
- Momentbegrenzer
- Beiseitige Kransteuerung
- Sechskantige Auszüge
- Unabhängige Auszugszylinder
- Feste Abstützbeine
- Hydraulisch ausfahrbare Abstützbeine
- Ventile mit Flansch
- Ölbehälter
- Montagesatz
- Berechnungsnorm nach DIN 15018
- Ermüdungstest in Klasse: B3
- Sprint Generation System (SGS)
- Electronic Black Box (EBB) only Radio
- Soft Descend Drive (SDD)



- Limitador de momento
- Mandos bilaterales
- Brazos telescópicos hexagonales
- Cilindros extensión independientes
- Gatos estabilizadores fijos
- Estabilizadores extraíbles hidráulicamente
- Válvulas ensanchadas
- Tanque de óleo
- Kit de ensamblaje
- Norma del proyecto: DIN 15018
- Tipo de ensayo a la fatiga: B3
- Sprint Generation System (SGS)
- Electronic Black Box (EBB) only Radio
- Soft Descend Drive (SDD)



- Limitador de momento
- Comandos bilaterales
- Extensões hexagonais
- Cilindros de extensão independentes
- Gatos estabilizadores fijos
- Estabilizador alongado hidráulicamente
- Válvulas flangeadas
- Tanque de óleo
- Kit de montagem
- Norma de projeto DIN 15018
- Tipo de Ensayo a la fatiga: B3
- Sprint Generation System (SGS)
- Electronic Black Box (EBB) only Radio
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\*) Puntata teorica - Theoretical lifting capacity