

EBB Electronic Black Box

Scheda di 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 informations about the state of the crane, of the accessories and of the routine maintenance. All 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.

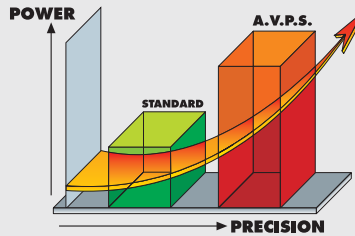
Purpose of SGS system is to increase the extensions speed without effecting the crane safety.

Velocità di uscita sfilii a confronto - Extensions speed comparison										
Modello	2S	3S	4S	5S	6S	7S	8S	9S	10S	11S
Standard	22 sec.	32 sec.	42 sec.	52 sec.	62 sec.	72 sec.	82 sec.	92 sec.	102 sec.	112 sec.
SGS	10 sec.	16 sec.	22 sec.	28 sec.	34 sec.	40 sec.	46 sec.	52 sec.	58 sec.	64 sec.

AVPS Amco Veba Power System

Con carichi molto pesanti, il sistema AVPS è in grado di raggiungere sbracci maggiori, garantendo la massima precisione nella movimentazione.

AVPS system can reach longer outreach with very heavy load, with the highest precision.



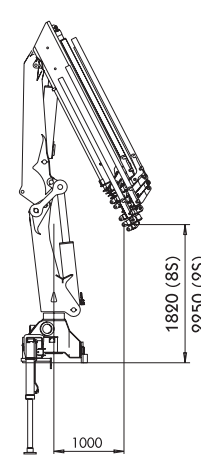
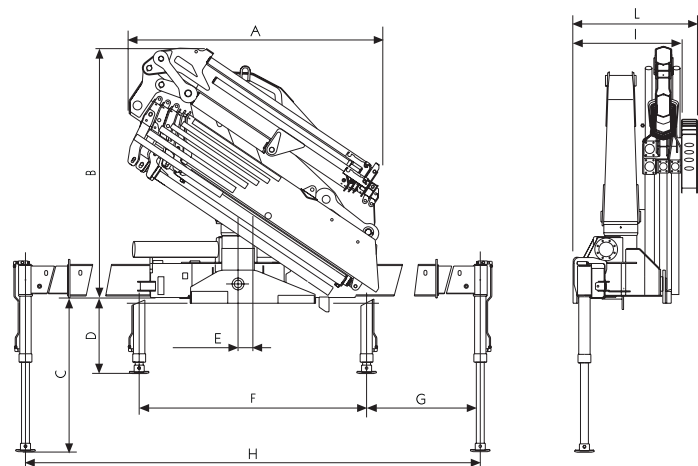
SDD Soft Descend Drive

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.

936	1S	2S	3S	4S	5S	6S	7S	8S	4S/4S	5S/4S
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)



AMCO VEBA
GROUP

DATI TECNICI TECHNICAL DATA

936/1S	Kg	32400	12100	7600	5450	3980	3010	2320
	m.	1.0	2.57	4.18	5.95	7.75	9.80	11.89

936/2S	Kg	31150	11700	7450	5190	3980	3010	2320	1800
	m.	1.0	2.57	4.18	5.95	7.80	9.80	11.89	14.18

936/3S	Kg	30400	11400	7240	5030	3800	3010	2320	1800	1410
	m.	1.0	2.57	4.18	5.95	7.80	9.80	11.90	14.20	16.50

936/4S	Kg	29850	11100	6940	4790	3580	2790	2320	1780	1410	1110
	m.	1.0	2.57	4.30	6.05	7.90	9.90	11.90	14.20	16.50	18.85

936/5S	Kg	29300	10800	6660	4580	3400	2610	2140	1800	1110	880	20.95
	m.	1.0	2.57	4.40	6.15	8.00	10.00	12.00	14.20	16.50	18.85	20.95

*) Portata teorica - Theoretical lifting capacity

MOMENTO DI SOLLEVAMENTO
MAX. LIFTING MOMENT
MOMENT D'ELEVATION MAX.
MAX. AUFHEBEMOMENT
MOMENTOS DE ELEVACIÓN
MOMENTO DE ELEVACIÓN MAX.
(t.m.)

32.4

PENDENZA MAX. DI LAVORO
MAX. WORKING HEEL
DEVERS MAXI DE TRAVAIL
MAX. ARBEITSNEIGUNG
INCLINACIÓN MÁX. DE TRABAJO
PENDÊNCIA MÁX. DE TRABALHO
(°)

4°(8%)

SBRACCIO MAX. VERTICALE
MAX VERTICAL REACH
LONGUEUR 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 26.6 28.8 31.0
J.4s hyd. 25.2 27.3

PRESSIONE D'ESERCIZIO
WORKING PRESSURE
PRESSION DE SERVICE
BETRIEBSDRUCK
PRESIÓN DE TRABAJO
PRESSÃO DE TRABALHO
(bar)

320

CAPACITÀ SERBATOIO OLIO
OIL TANK CAPACITY
CONTENANCE RÉSERVOIR HUILE
ÖLBÄLTERHINHALT
CAPACIDAD DEL DEPÓSITO ACEITE
CAPACIDADE DO DEPOSITO DE ÓLEO
(l.)

160

ACCESSORI

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

*) no 7S-8S

PORTATA AL DISTRIBUTORE
OIL HYDRAULIC DISCHARGE TO THE DISTRIBUTOR BOX
DÉBIT D'HUILE HYDRAULIQUE AU DISTRIBUTEUR
HYDRAULISCHE ÖLTRAGFÄHIGKEIT ZUM VERTEILER
CAUDAL AL DISTRIBUIDOR
DESCARGA DE ÓLEO HIDRÁULICO AO DISTRIBUIDOR
(l/min.)

45

ACCESSORIES

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

*) no 7S-8S

ANGOLO DI ROTAZIONE
SLEWING ANGLE
ANGLE ROTATION
DREHWINKEL
ANGULO DE ROTACIÓN
ANGULO DE ROTAÇÃO
(°)

400°

ACCESSOIRES

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

*) no 7S-8S

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

3050 3280 3500 3730 3900 4060 4180 4300

ZUBEHOERE

- Zusatzfunktionen
- Hochsitz
- Winde
- Funksteuerung

*) no 7S-8S

VELOCITÀ DI ROTAZIONE
SLEWING SPEED
VITESSE DE ROTATION
DREHGESCHWINDIGKEIT
VELOCIDAD DE ROTACIÓN
VELOCIDADE DE ROTAÇÃO
(180°)

25s

ACCESORIOS

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

*) no 7S-8S

PESO STAB.
WEIGHT OF STABILIZERS
POIDS DES STABILISATEURS
GEWICHT VON DEN ABSTÜTZUNGEN
PESO GATOS EXTENSIBLES
PESO DOS ESTABILIZADORES
(kg.)

540

ACCESORIOS

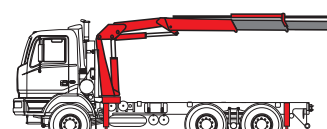
- Ativação de elementos suplementares*
- Posto de manobra no cimo
- Guincho
- Comando a distância

*) no 7S-8S

ANGULO DE ROTACIÓN
ANGULO DE ROTAÇÃO
(180°)

400°

ACCESORIOS



Passo - Wheelbase - Empattement - Passo: 4200 mm. M.T.T. ton 24
G.V.W. ton 24

AMCO VEBA
GROUP
936

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



936



AMCO VEBA
GROUP



- 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: DIN15018 - EN12999
- Classe di collaudo a fatica: B3
- Amco Veba Power System (AVPS)
- 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 DIN15018 - EN12999
- Fatigue test classification: B3
- Amco Veba Power System (AVPS)
- Sprint Generation System (SGS)
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- 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: DIN15018 - EN12999
- Essai de fatigue avec classification: B3
- Amco Veba Power System (AVPS)
- Sprint Generation System (SGS)
- Electronic Black Box (EBB) only Radio
- Soft Descend Drive (SDD)



- Momentbegrenzer
- Beiseitige Kransteuerung
- Sechskantige Auszüge
- Unabhängige Auszugszylinder
- Feste Abstützbeine
- Hydraulisch ausfahrbare Abstützbeine
- Ventile mit Flansch
- Ölbehälter
- Montagesatz
- Berechnungsnorm nach DIN15018 - EN12999
- Ermüdungstest in Klasse: B3
- Amco Veba Power System (AVPS)
- 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 aceite
- Kit de ensamblaje
- Norma del proyecto: DIN15018 - EN12999
- Tipo de ensayo a la fatiga: B3
- Amco Veba Power System (AVPS)
- 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 DIN15018 - EN12999
- Typo de Ensayo a la fatiga: B3
- Amco Veba Power System (AVPS)
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