

REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED
1	1	ADDED DIMENSIONS AND MATERIAL	7/18/23	RRH

WHIP HEAD CONTROL
MODEL #FRL MAT'L. CARBON STEEL

WHIP HEAD AIR SUPPLY
HOSE ASSEMBLY.
MAT'L. RUBBER HOSE.

HOSE REEL ASSEMBLY C/W 150FT OF HOSE
MODEL #HRAC MAT'L. ALUMINUM, MOTOR CARBON STEEL

CABLE WINCH ASSEMBLY
MAT'L. CARBON STEEL

WINCH TRI-POD FRAME ASSEMBLY
MODEL #WFTAC MAT'L. ALUMINUM

CUSTOM BEARING FOR 360° ROTATION.
MAT'L. CARBON STEEL

WHIP "H" FRAME
MAT'L. ALUMINUM

CLAMP FEET, QTY. 4
MODEL #HDC MAT'L. ALUMINUM THREADED RODS CARBON STEEL.

STAINLESS STEEL WINCH CABLE
MODEL #WFTA6-21FTBOOM

HEAVY DUTY WHIP HEAD AIR
HOSE ASSEMBLY, 150 FT.
MODEL #HR18.
MAT'L. DOUBLE WIRE BRAIDED
RUBBER COATED HOSE.

LOWER MAST ASSEMBLY
MODEL #LMAC
MAT'L. ALUMINUM

AIR MOTOR
CONTROL ASS'Y.
MOD.#AMC. MAT'L. CARBON STEEL.

MAT'L. ALUMINUM
EYE BOLT
MAT'L. ALUM.

BOOM ASSEMBLY
6FT, 8FT, 13FT,
16FT & 21 FT
MODEL #BA21FT
MAT'L. ALUMINUM

STAINLESS STEEL
BRAIDED CABLE

CHICAGO
AIR FITTING
GALVANIZED
STEEL.

AIR MANIFOLD
MAT'L. ALUM.

BOOM COUPLING & BRIDGE ASSEMBLY
MODEL #BBAC, MAT'L. ALUMINUM.

WHIP HEAD COVER
MAT'L. ALUMINUM

WHIP HEAD
MAT'L. ALUMINUM

WHIP HEAD HANGER ASSEMBLY
MODEL #HHAC, MAT'L. ALUMINUM

WHIP HEAD ASSEMBLY
MODEL #WHAC
MAT'L. ALUMINUM

WHIP HEAD FLAILS (OPTIONS)
MODEL #BCFBC, BCFC & UCRF OR
URETHANE COATED ROPE.
MAT'L. OF FLAILS AND CHAINS, BRASS

SEE ENLARGED VIEW "A"

POWER REQUIREMENTS:
100 PSI @ 175 CFM

WHIP COMPONENTS	DWG. NO.	WEIGHT
WHIP HEAD CONTROL	FV-FRL-04	16 LBS
HOSE REEL ASSEMBLY	FV-SA-02	206 LBS
WINCH FRAME TRI-POD ASSEMBLY	FV-SA-02	32 LBS
HOSE REEL AIR MOTOR CONTROL ASSY	FV-AMC-05	14 LBS
CLAMP FEET	FV-HDC-08	4 LBS
LOWER MAST ASSEMBLY	FV-SA-02	118 LBS
21 FT. BOOM ASSEMBLY W/PINS	FV-BA21FT-03	53 LBS
BOOM COUPLING & BRIDGE ASSEMBLY	FV-BBAC-11	8 LBS
WHIP HEAD HANGER ASSEMBLY	FV-HHAC-10	4 LBS
WHIP HEAD ASSEMBLY	FV-WHAC-07	80 LBS
BRASS FLAIL BLOCK SET #BCFBC	FV-FLAIL-09	6 LBS
BRASS CHAIN FLAIL SET #BCFC	FV-FLAIL-09	5 LBS
URETHANE ROPE FLAIL SET #UCRF	FV-FLAIL-09	1 LBS
PWA SERIES FULL ASSEMBLY	FV-PWA-1	543 LBS
AIR MOTOR AIR SUPPLY HOSE ASSEMBLY	FV-RH-06	6 LBS

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CUSTOMER NOTE:

DIMENSION SHOWN ARE NOMINAL AND SUBJECT TO CHANGE.

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS IN INCHES.		FORCE VECTOR INC. MOKENA, IL. 60448	
TOLERANCES: FRACTIONS: $\pm 1/32"$ XXX DECIMALS ± 0.005 XX DECIMALS ± 0.015 ANGLES $\pm 1/2^\circ$		PNEUMATIC WHIP GENERAL ASSEMBLY SERIES PWA	
DRAWN BY: RRH	DWG NO.: FV-PWA-1	REV: 1	
CHECK BY:	DATE: 07-02-20	SHEET 1 OF 1	
FV CONTRACT # FV-WHIP			