

## BILL OF MATERIALS

**COMPANY NAME: JIM WALTER RESOURCES**

**PMS JOB NO.: 48184**

SERIAL NUMBER JM5753	MODEL NUMBER 12CM27
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MSHA APPROVAL NUMBER 2G-4023A-00	STE NUMBER 5005462-00	VOLTAGE 2300 VAC, 60HZ, 3 PHASE
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QTY	PART NUMBER	DESCRIPTION	REFERENCE DRAWING	SH NO
		<b>GENERAL GROUP</b>		
		CAUTION STATEMENT	IL000046 0000	01
		GENERAL ARRANGEMENT	5000010637	01-02
		GREASE SPECIFICATION CHART	SK025318 0000	01
		HYDRAULIC OIL SPECIFICATION CHART	SK025318 0001	01
		TRANSMISSION OIL SPECIFICATION CHART	SK025318 0004	01-02
		VALUES, TORQUE, FASTENERS	SK024122 0000	01
		SEAL INSTALLATION INSTRUCTIONS	SK021855 0000	01
		PRECAUTIONS FOR USERS OF JOY CHAIN PRODUCTS	SK064073 0000	01
		INFORMATION, CUTTER BIT	SK024544 0002	01
		LIFTING & BLOCKING DIAGRAM	JCM00832 0022	01-05
		LIST, TRAILING CABLE	SK025502 0006	01
		<b>ELECTRICAL GROUP</b>		
		DIAGRAM, WIRING, MACHINE (CIRCUIT, 2300V, 60HZ) 12CM27	5000025285 MOD	01-09
		CRIMP-ON CONNECTORS AND TOOLING	SK025273 0002	01
		CONTROL WIRE SPLICES	SK024404 0000	01
		INSTRUCTIONS FOR PREPARING GLAND ASSEMBLIES	SK025529 0001	01
		SPLICING, CABLE, POWER	5000000260	01
1		CABLE GLAND ASSEMBLIES	CGA01000 0003	01-03
1		ELECTRICAL KIT	100106851	01
1		ELECTRICAL KIT	5000000255	01-02
1	00571648 0058	CONNECTION BOX	00571648 0058	01
		DUAL 6SCR SYSTEM 2 TROUBLESHOOTING CHART	SK024299 0023	01
1	100207558	CONTROLLER	100207558	01-02

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		<b>ELECTRICAL GROUP (CONT'D)</b>		
1	100180495	GUARD, CONTROLLER	100180495	01
1	100207557	PANEL, ASSEMBLY, ELECTRICAL	100207557	01
1	00500523 2692	PANEL, CONTROL	00500523 2692	01
1	00601525 0009	200 AMP DC CONTACTOR	00601525 0000	01-02
1	100140922	CONTROLLER, HIGH VOLTAGE	100140922	01-03
1	00500523 2688	PANEL	00500523 2688	01
1	100106852	KIT, ACCESS, GLAND, H.V. CONTROLLER	100106852	01
1	00720364 0007	HARDWARE, STEEL, STAINLESS	SK025458 0007	01
1	100106857	ACCESS, CABLE, GLAND, TRACTION CONTROLLER	100106857	01
1	100147135	KIT, MONITOR, LEVEL, HYDRAULIC OIL	100147135	01
1	100063319	KIT, SWITCH, EMERGENCY STOP, CONT. MINER	100063319	01
1	00500524 0489	STATION, CONTROL, E-STOP	00500524 0489	01
1	00600199 0118	JOY 20DB400J MOTOR (METRIC)	00600199 0118	01
1	00600128 0702	JOY 8CA350J MOTOR (METRIC)	00600128 0702	01
1	00600361 0204	JOY 9DB280J MOTOR (METRIC)	00600361 0204	01
1	100129954	JOY 48J9 MOTOR (METRIC)	100129954	01
1	100209686	KIT, CABLE, REMOTE CONTROL	100209686	01
1	00571648 0062	CONNECTION BOX	00571648 0062	01
		INSTRUCTION, REMOTE	5000012923	01
		REMOTE CONTROL, TROUBLESHOOTING CHART	5000005625	01
1	100126947	KIT, REMOTE, LOOSE PARTS	100126947	01
1	100112672	REMOTE STATION, LIGHTWEIGHT (REPAIR PARTS)	5000011288	01
1	100186790	KIT, MOUNTING, MONITOR, METHANE	100186790	01
1	00720163 0013	HOURMETER	SK025434 0012	01
1	00720006 0037	AMMETER	SK025425 0038	01
1		KIT, LIGHTING, FACE	5000015584	01
1	100142267	KIT, LIGHTING, FACE	5000016455	01
1	100100147	KIT, LIGHT, INDICTOR, SHAFT, TORQUE	100100147	01
1	00720026 0063	BOX, CONNECTION, CABLE, TRAILING	SK025427 0064	01
1	00571648 0063	CONNECTION BOX ASSEMBLY	00571648 0063	01
1	00700049 0907	ACCESSORIES, CABLE, TRAILING	JCM00621 0182	01
1	100119802	KIT, CONTROL, CABLE, TRAILING	100119802	01
1	00570472 0001	CABLE STAND-OFF ASS'Y	00570472 0001	01
1	100102455	KIT, LIVE LINE INDICATORS	100102455	01
	100209194	KIT, CONVERSION, REMOTE CONTROL	100209194	01-02

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		<b>ELECTRICAL GROUP (CONT'D)</b>		
	100209117	COVER	100209117	01-04
		<b>CUTTER GROUP</b>		
1	100142573	FRAME, CUTTER	100142573	01
1	100180103	GEAR REDUCER, CUTTER HEAD, SOLID HEAD	100180103	01-03
1	100061960	HOUSING, CUTTER HEAD	100061960	01
1	100142261	FRAME, CUTTER	100142261	01-02
1	100213539	KIT, DRIVE, CUTTER	100213539	01-02
2	00571659 0013	TORQUE LIMITING CLUTCH	00571659 0013	01
		12-27 3" DOUBLE 11' 6" CW (DRUM LACING DRAWING)		01
1	00703440 0306	MOUNTING, DRUM, CUTTER	JCM00710 0094	01
2	00500140 4766	CYLINDER, SHEAR	00500140 4766	01
1	100105046	KIT, MOUNTING, CUTTER HEAD	100105046	01
1	100122215	KIT, SIGNAGE, CUTTER FRAME		01
		<b>CONVEYOR GROUP</b>		
1	100079587	KIT, SIDEBOARDS	100079587	01
1	00483004 0055	SIDEBOARDS, FRAME, CONVEYOR	SK025382 0035	01
	00482993 0170	PARTS REQ'D TO ADD ROOF STOP TO REAR CONVEYOR	SK024774 0105	01
1	00720513 0021	GREASE TAKE-UP	SK025547 0013	01
1	00700738 0382	MOUNTING, FRAME, CONVEYOR & SUPPORT	JCM00729 0072	01-02
2	00570438 0005	CYLINDER, TAKE-UP, GREASE	00570438 0005	01
1	100105991	KIT, TUNNEL, CHAIN, CONVEYOR	5000010297	01
1	100173562	ROLLER ASSEMBLY	100173562	01
1	00500140 4768	CYLINDER, SWING, CONVEYOR	00500140 4768	01
2	100163734	CYLINDER, HYDRAULIC	100163734	01
1	00703481 0042	MOUNTING CONV. ASSEMBLY	JCM00870 0042	01
51 UNITS	DA 3502 A	CINCINNATI CONVEYOR CHAIN	DA 3502 A	01
1	100122214	KIT, SIGNAGE, CONVEYOR	100122214	01
		<b>GATHERING HEAD GROUP</b>		
1	100142268	KIT, SPRAY, WATER, GATHERING HEAD	100142268	01
1	100128660	KIT, GATHERING HEAD	100128660	01-02
1	C-14273	STUB SHAFT KIT	32448	01
1	C-14682	FOOTSHAFT	33200	01

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		<b>GATHERING HEAD GROUP (CONT'D)</b>		
1		KIT, GATHERING HEAD	100210175	01
1	PMS-10181	RH CLA 60" WITH CCO		
1	PMS-10180	LH CLA 60" WITH CCO		
1	100144745	GATHERING HEAD GEAR CASE (LH)	100144745	01-02
1	100144753	GATHERING HEAD GEAR CASE (RH)	100144753	01-02
1	00700075 0292	MOUNTING, GATHERING HEAD	JCM00707 0178	01-02
2	00500112 4557	CYLINDER, ELEVATE, GATHERING HEAD	00500112 4557	01
1	100122216	KIT, SIGNAGE, GATHERING HEAD FRAME	100122216	01
		<b>CHASSIS GROUP</b>		
1	100140997	KIT, BUMPER (FIELD MOUNTING)	100140997	01
1	00483000 0362	COVERS, CHASSIS (RH)	JCM00855 0345	01-03
1	100142408	KIT, COVERS, CHASSIS	100142408	01-03
1	00483047 0002	PROP, CONVEYOR, SAFETY	SK025390 0026	01
1	00483010 0158	RAIL, RUB (RH)	JCM00771 0202	01
1	00483010 0159	RAIL, RUB (LH)	JCM00771 0203	01
1	100142250	KIT, SPRAY, WATER, CHASSIS	100142250	01
		LOCATION, IDENTIFICATION NUMBER	5000022491	01
1	00483031 0007	MOUNTING, STABILIZER	JCM00872 0018	01
1	100125179	KIT, PROP, SAFETY, FRAME, CUTTER	100125179	01
1	00720559 0005	MOUNTING, DRAWING TUBE	SK025544 0003	01
1	100180056	GEAR REDUCER, TRACTION	100180056	01-04
1	100180059	GEAR REDUCER, TRACTION	100180059	01-04
2	100032296	TAKE-UP	100032296	01
1	100041148	GEAR REDUCER TRACTION PLANETARY	100041148	01
1	100041149	KIT, DRIVE TRACTION	100041149	01-02
4	05012319 0019	184MM PITCH CRAWLER CHAIN 560MM WIDE	05012319 0000	01
1	00720100 0025	PUMP DRIVE & MOUNTING PARTS	JCM00712 0042	01
1	100141315	KIT, SIGNAGE, CHASSIS	100141315	01
1	100122230	KIT, WEIGHT	100122230	01
1	100214341	KIT, LUGS, LIFTING	100214341	01
2	00500140 4767	STAB CYLINDERS		
1	47733 COVERS	COVER LOCATIONS	47733 COVERS	01
		<b>HYDRAULIC GROUP</b>		
		SCHEMATIC, HYDRAULIC SYSTEM, 12CM	5000026231	01

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QTY	PART NUMBER	DESCRIPTION	REFERENCE DRAWING	SH NO
		<b>HYDRAULIC GROUP (CONT'D)</b>		
1	100216259	PIPING, PUMP	5000026288	01-02
1	A0063608 0000	CONTROL VALVE	A0063608 0000	01
1	100162788	FILTER, PRESSURE, FLUID	100162788	01
1	100143087	VALVE, ASSEMBLY	100143087	01
1	00570553 0002	CARTRIDGE, SOLENOID, N/C	00570553 0002	01
1	100216650	PIPING, SHEAR	5000022198	01
1	100212010	ASSEMBLY, VALVE (SHEAR)	100212010	01
1	100207100	BODY ASSEMBLY, VALVE GATHERING HEAD	100207100	01
1	100195923	PIPING, GATHERING HEAD	5000022465	01
1	100216697	PIPING, CONVEYOR	5000022466	01
1	A0032579 0000	ADJUSTABLE ORIFICE ELBOW	A0032579 0000	01
1	100216704	PIPING, STABILIZER	PD004697 0021	01
1	00506205 1540	HANDLE ASSEMBLIES	00506205 1540	01
1	X0003043 0015	CHECK VALVE	X0003043 0009	01
1	00531601 0011	VALVE, REDUCING, PRESSURE	00531601 0011	01
1	00506244 0106	VALVE, CONTROL	00506244 0106	01
1	00506205 2131	INLET, VALVE SECTION	00506205 2131	01
1	00506205 1625	RELIEF VALVE CARTRIDGE	00506205 1625	01
1	00506205 2391	VALVE, CONTROL, SECTION	00506205 2391	01
1	00506205 2392	VALVE, CONTROL, SECTION	00506205 2392	01
1	00506205 2361	VALVE, CONTROL, SECTION	00506205 2361	01
1	00506205 1909	RELIEF VALVE CARTRIDGE	00506205 1625	01
1	00506205 2208	VALVE, CONTROL, SECTION	00506205 2208	01
1	00506205 1626	RELIEF VALVE CARTRIDGE	00506205 1625	01
1	00506205 2205	VALVE, CONTROL, SECTION	00506205 2205	01
1	00506205 2207	VALVE, CONTROL, SECTION	00506205 2207	01
1	00506205 2136	OUTLET	00506205 2136	01
1	00506205 1930	HANDLE, CONTROL VALVE	00506205 1930	01
1	100073054	PIPING, REPLACEMENT, HOSES	5000006826	01
1	100217165	HOSE GUARDS	5000026387	01
1	00506248-0038	HYDRAULIC PUMP		
		<b>DUST SUPPRESSION GROUP</b>		
	100216777	PIPING, WATER	5000026335 MOD	01
1	100229553	MANIFOLD ASSEMBLY, WATER	100229553	01
1	00572100 0004	STRAINER, WATER	00572100 0004	01

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QTY	PART NUMBER	DESCRIPTION	REFERENCE DRAWING	SH NO
		<b>FIRE SUPPRESSION GROUP</b>		
	100216961	PIPING, FIRE SUPPRESSION	5000026358	01
		<b>LUBRICATION GROUP</b>		
		DIAGRAM, LUBRICATION	5000010749	01
	100217079	PIPING, LUBRICATION	5000010731	01