STEP 3: Pick Your Accessories

Below is a quick reference chart to tell you what accessories are suitable for your shelter. Detailed accessory descriptions are on the next several pages. Ask your sales representative if you don't see what you're looking for.

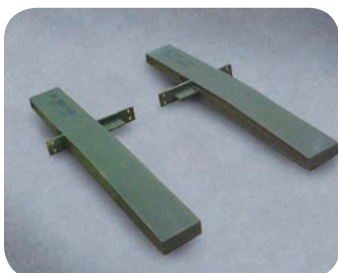| SHELTER ACCESSORY OPTIONS (see descriptions on next pages)	SAMS	ESAMS	HESAMS	LAMS	ELAMS /ELAMS TOC	HELAMS	NON-EXPAND TFI	2:1 EXPANDABLE TFI	3:1 EXPANDABLE TFI	MECC	MECC TMF	LMS	MSC	MSC LMTV	M105 TRAILER MSC	EMSC	M1079 SVS	M1087 EVAN	S-280G	CRCS
HIGH SPEED MOBILITY WHEEL SET (HSMWS)																				
PN 60340-002/60340-014	●	●	●																	
PN 60340-004/60340-015	●	●	●	●	●	●														
PN 60340-005/60340-011				●	●	●														
PN 60340-008/60340-012	●	●	●	●	●	●													●	
PN 60340-009/60340-016	●	●	●	●	●	●														
PN 60340-019/60340-021	●	●	●	●	●	●														
ADAPTER RAIL KIT-HSMWS																				
PN 60340-003/60340-017				●	●	●														
PN 60340-007/60340-018																			●	
SLING CHAINS																				
PN 86060-018				●	●															
PN 86060-082																			●	
ISO MOBILIZER																				
PN 60373-001							●	●	●	●	●									
ISO/MECC MOBILTIY TRAILER																				
PN 1103-3000-00							●	●	●	●	●									
PN 1103-3000-01							●	●	●	●	●									
PN 1103-4000-00							●	●	●	●	●									
PN 1103-4000-01							●	●	●	●	●									
PN 1103-5000-00							●	●	●	●	●									
PN 1103-5000-01							●	●	●	●	●									
PN 1103-6000-00							●	●	●	●	●									
PN 1103-6000-01							●	●	●	●	●									
ISO MEZZANINE SYSTEM																				
PN 50120-218							●	●	●	●	●									
STORAGE & WORKSPACE SOLUTIONS																				
PN 86019-014	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
PN 86019-015	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
PN 86019-016	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
PN 86019-017	●	●	●	●	●	●						●	●	●	●	●	●	●	●	●
PN 86019-018	●	●	●	●	●	●						●	●	●	●	●	●	●	●	●
PN 86019-019	●	●	●	●	●	●						●	●	●	●	●	●	●	●	●
PN 86019-021	●	●	●	●	●	●						●	●	●	●	●	●	●	●	●
PN 86019-022	●	●	●	●	●	●						●	●	●	●	●	●	●	●	●
PN 86019-023	●	●	●	●	●	●						●	●	●	●	●	●	●	●	●
SOFTWALL REPAIR KIT																				
PN 50389-289		●			●					●						●				
PN 50389-342		●			●					●						●				
CARGO RESTRAINT NETS - See PN & Descriptions on pg. 3.5.5					●								●	●	●	●				

SHELTER ACCESSORIES

HIGH SPEED MOBILITY WHEEL SETS (HSMWS)

- Provides towed transport for AMS line of shelters and ISU® Containers
- Can be used as transport air-loading device
- Suitable for off-road operations (DOT Highway Certified)
- Parking brakes: individual hand-operated cable brakes (rear)
- Air ride suspension (4" travel) with shock absorbers, transverse stabilizers and levering valves on front and rear
- 4-wheel air-over-hydraulic Service Brakes (not applicable w/12-volt system)
- Durable composite fenders
- Standard trailer lighting kit or LED available
- Mud flaps
- Heavy duty tow bar
- Heavy Duty (HD) Capacity available: 14,500 lbs.
- Safety Recommendation: Do not tow more weight than the vehicle is rated for
- Complies with Federal Motor Vehicle Safety Standards 121 with exception to anti-lock brakes
- A Department of Transportation Certification provided with each HSMWS

LOAD CAPACITY	TARE WEIGHT	GROSS AXLE WEIGHT RATING	MAXIMUM SPEED
12,000 lbs.	3,500 lbs.	8,000 lbs. (front & rear)	55 MPH
HIGHWAY HEIGHT	**STANDARD ELECTRICAL SYSTEM**		
15" minimum ground clearance at maximum GVWR	24 VDC compatible with military 2.5-ton and 5-ton prime movers		

P/N	NSN	DESCRIPTION	SHELTERS	GSA	DLA
60340-002	2330-01-485-3058	GREEN w/2 108" BEAMS EA.	SAMS/HESAMS/ESAMS/ISUs	●	●
60340-014		TAN w/2 108" BEAMS EA.	SAMS/HESAMS/ESAMS/ISUs	●	●
60340-004	8145-01-486-2474	GREEN w/ADAPTER RAIL KIT & 108" BEAMS	LAMS/ELAMS/HELAMS/SAMS/ESAMS/HESAMS/ISUs	●	●
60340-015		TAN w/ADAPTER RAIL KIT & 108" BEAMS	LAMS/ELAMS/HELAMS/SAMS/ESAMS/HESAMS/ISUs	●	●
60340-005	8145-01-490-3702	GREEN w/ADAPTER RAIL KIT	LAMS/ELAMS/HELAMS	●	●
60340-011		TAN w/ADAPTER RAIL KIT	LAMS/ELAMS/HELAMS	●	●
60340-008		GREEN		●	●
60340-012		TAN		●	●
60340-009		GREEN w/SURGE BRAKES		●	●
60340-016	8145-01-555-8129	TAN w/SURGE BRAKES		●	●
60340-019		GREEN w/SURGE BRAKES, ADAPTER RAIL KIT & 108" BEAMS	LAMS/ELAMS/SAMS/ESAMS/HESAMS/ISUs		
60340-021		TAN w/SURGE BRAKES, ADAPTER RAIL KIT & 108" BEAMS	LAMS/ELAMS/SAMS/ESAMS/HESAMS/HELAMS/ISUs		
86060-018		Sling Chain	4 required (per shelter) with HSMWS if shelter is to be helo-lifted or forklifted (except for single-pallet shelters)	●	

ADAPTER RAIL KIT FOR HSMWS

P/N	NSN	DESCRIPTION	SHELTERS	GSA	DLA
60340-003	8145-01-486-2467	GREEN 2 ADAPTERS (RH & LH) w/BOLTS FOR FORKLIFT TUBES	LAMS/ELAMS/HELAMS	●	●
60340-017	8145-01-572-5663	TAN 2 ADAPTERS (RH & LH) w/ BOLTS FOR FORKLIFT TUBES	LAMS/ELAMS/HELAMS	●	●
60340-007	8145-01-490-3761	GREEN ADAPTER FRAME KIT*	S-280 C/G	●	●
60340-018		TAN ADAPTER FRAME KIT*	S-280 C/G	●	

*NOTE: Sling Chain (86060-082) required with HSMWS if shelter (except single-pallet achelters) is to be helicopter sling lifted or forklifted to prevent any damage. Four are needed per shelter

20-FOOT ISO/MECC® MOBILITY TRAILER (AAR/MCT INDUSTRIES)

- AAR Mobility Systems has partnered with MCT Industries to provide durable and rugged off-road trailers
- Designed to transport MECCs and ISO Shelter Systems, transforming them into an optimized rugged deployment system
- Designed specifically to accommodate off-road, adverse condition use (i.e. 15 minute fording)
- Other brake and electrical configurations can be developed for more general commercial use
- Accessories included are:
  - 1 hydraulic bottle jack
  - 1 double end truck wench
  - 4 leveling jacks
  - 1 spare tire
  - Single folding step, rear mounted, for container configurations requiring rear access (call for alternative access accessory information)

P/N	NSN	DESCRIPTION
1103-3000-00	2330-01-506-5979	TRAILER FOR 20-FOOT ISO SHELTER-15,000 LB PAYLOAD W/LEAF SPRING SUSPENSION, CHASSIS, AND NON-RETRACTABLE ISO LOCKS
1103-3000-01		TRAILER FOR 20-FOOT ISO SHELTER-15,000 LB PAYLOAD W/LEAF SPRING SUSPENSION W/DECK AND RETRACTABLE ISO LOCKS
1103-4000-00		TRAILER FOR 20-FOOT ISO SHELTER-15,000 LB PAYLOAD W/AIR RIDE SUSPENSION, CHASSIS, AND NON-RETRACTABLE ISO LOCKS
1103-4000-01		TRAILER FOR 20-FOOT ISO SHELTER-15,000 LB PAYLOAD W/AIR RIDE SUSPENSION W/DECK AND RETRACTABLE ISO LOCKS

P/N	NSN	DESCRIPTION
1103-5000-00		AIR RIDE SUSPENSION, CHASSIS, NON-RETRACTABLE ISO LOCKS
1103-5000-01		AIR RIDE SUSPENSION WITH DECK & RETRACTABLE ISO LOCKS
1103-6000-00		LEAF SPRING SUSPENSION, CHASSIS, NON-RETRACTABLE ISO LOCKS
1103-6000-01		LEAF SPRING SUSPENSION WITH DECK AND RETRACTABLE ISO LOCKS

SPECIFICATIONS		
PART NUMBER	1103-3000-XX & 1103-4000-XX	1103-5000-XX & 1103-6000-XX
AIR CERTIFIED	For USAF C-130 E/H/J, C-130J-30, C-17A and C-5A/B/C	For USAF C-130 E/H/J, C-130J-30, C-17A and C-5A/B/C
CAPACITY	15,000 lbs.	28,000 lbs.
DIMENSIONS	94"W X 292"L	96"W X 296"L
DECK DIMENSIONS	236"L X 37"H (unloaded)	236"L X 38"H
COUPLING HEIGHT	28" to 36" Adjustable	28" to 36" Adjustable
GROUND CLEARANCE	13 inches	13 inches
TARE WEIGHT	5,625 lbs.	6,000 lbs.
GROSS VEHICLE WEIGHT	21,000 lbs.	34,000 lbs.
BEAMS	Wide Flange I-Beam	Wide Flange I-Beam
BRAKES (fail safe)	12 1/4" x 5" Spring Loaded	12 1/4" x 5" Spring Loaded
AIR SYSTEM	Standard Commercial Trucking	Standard Commercial Trucking
TIRES	LT235/85R16, LR-E	235/75R17.5, LR-H
ELECTRICAL SYSTEM	24 VDC	24 VDC
LIGHTS	Military Specification	Military Specification
LEVELING JACKS	Manual, Removable	4 Removable, Heavy Duty, Drop Leg
PRIMER PAINT	MIL-P-53022B, Type II	MIL-P-53022B, Type II
FINISH COAT PAINT	MIL-C-46168D	MIL-C-46168D
OPTION	24V ABS System	24V ABS System

SHELTER ACCESSORIES

20-FOOT ISO/MECC HSMWS MOBILIZER

- 15" x 15" air-operated wedge service brakes on all four wheels (includes temporary use air tanks)
- Spring applied parking brakes that also activate with loss of system air (rear only)
- Air-ride suspension with transverse stabilizer bars and levering valves on front and rear
- 24 VDC system with standard NATO connectors to operate lift system; On-board batteries and charger (110V or 230V); operates from on-board batteries, vehicle connection, or hand pump back-up
- Rear flashing strobe lights (operated by on-board batteries)
- Hydraulic system for raising and lowering of shelter; Three-way power cord allows simultaneous lifting of each end during aircraft loading operations
- Integral mobilizer/shelter leveling jacks built into mobilizer structure
- Safety Recommendation: Do not tow more weight than the weight of the vehicle
- Federal Motor Vehicle Safety Standards 121

P/N	NSN	DESCRIPTION	SHELTERS	GSA	DLA
60373-001		ISO MOBILIZER	ISO/ MECC		

TARE WEIGHT	GROSS AXLE WEIGHT RATING	GROSS VEHICULAR WEIGHT RATING
6,320 lbs.	15,250 lbs.	30,000 lbs.
RIDE HEIGHT	**MAXIMUM SPEED**	
20" ground clearance at ride height	55 MPH on developed roads	

ACCESSORIES & OPTIONS
Interconnected cable for 24V lighting system and brake system hoses (front to rear)
Necessary tools for connection to shelter
Chains for lifting ISO blocks from ground
Safety props for hydraulic system
Load distributing pads for jacks
Swivel caster for dolly movement
10,000 lb. tie-down rings (not for helicopter sling)
Fenders
Mud flaps
Anti-lock brakes
Running lights - 24 VDC LED with turn/brake lights
Optional second dolly is recommended if frequent use on undeveloped surfaces is anticipated

ISO MEZZANINE SYSTEM

P/N	DESCRIPTION	GSA	DLA
50120-218	Designed for use with ISO Shelters		
DIMENSIONS	**PLATFORM CAPACITY**		
52" X 96" Platform	1,845 lbs.		

- Secures to ISO corner fittings
- Lightweight aluminum, modular construction for easy deployment
- Designed for maximum setup configuration with multiple stairway and rail mounting brackets
- Adjustable support arms for 96" or 96.6"-high shelters or containers
- Adjustable stairs to allow for irregularities in terrain
- Eliminates need for fixed warehouse mezzanine system
- Setup with standard warehouse forklift
- Reduces deployed warehouse space requirement
- Supports two-high complexing of shelters and containers with entry and exit points using additional platforms and stairs
- Two-man emplacement with fork truck
- Four location stair placement
- OSHA compliant

SHELTER ACCESSORIES

SKID MOUNTED ECU KIT FOR MECC

P/N	NSN	DESCRIPTION	GSA	DLA
50389-268	4120-01-478-4617	ECU Kit 60k BTU Skid Mounted Green - 34094 Per FED-STD-595	●	●

DIMENSIONS	WEIGHT	POWER	REFRIGERANT
47" X 39" X 48"	560 lbs.	208V, 50/60Hz	R-407C

- Storage compartment inside ECU that houses (2) 10' lengths of 16" insulated flexible ducts, (1) 50 foot power cable and (1) remote control with cable
- All openings for supply and return air have covers for transport or storage
- Liquid sight glass visible from outside enclosure to determine refrigerant level
- Access ports for pressure readings and refrigerant charging located outside enclosure
- Four eyes provided for lifting or tie down
- Hour meter provided for preventative maintenance planning
- Easily accessible circuit breakers for power and control voltage
- ECU mounted on skid base for ease of movement
- Most spare parts (i.e. compressor, electrical components) are COTS
- Unique bolted frame design allows for easy repair if damaged
- All frame members available as spare parts
- Phase monitor provided to prevent damage due to improper power supply connection

SHELTER SOFTWALL REPAIR KIT

P/N	INCLUDES	GSA	DLA
50389-289	2 Yards Vinyl, 2 Yards Poly, 1 Roll Double-Sided Tape, 8 Oz. Cement	●	
50389-342	2 Yards Vinyl, 2 Yards Poly, 1 Roll Double-Sided Tape, 8 Oz. Cement		

STORAGE & WORKSPACE SOLUTIONS

P/N	INCLUDES	DIMENSIONS	GSA	DLA
86019-014	Computer Stack Top Cabinet	30"W X 22.50"L X 59.13"H		
86019-015	5-Drawer Cabinet	30"W X 27.75"L X 59.13"H		
86019-016	14-Drawer Cabinet	30"W X 27.75"L X 59.13"H		
86019-017	Upper Cabinet	30"W X 27.75"L X 12.91"H		
86019-018	2-Drawer, 1-Door Cabinet	30"W X 27.75"L X 37.08"H		
86019-019	1-Door Cabinet	30"W X 27.75"L X 44.17"H		
86019-021	Straight Desk	60"W X 27.75"L X 44"H		
86019-022	Top Upper Shelf	60"W X 27.75"L X .875"H		
86019-023	Bookcase	45"W X 14"L X 17"H		

More storage & workspace solutions available - call 800-355-2015 for information.

CARGO RESTRAINT NETS

SHELTER	DESCRIPTION	P/N	GSA	DLA
Mobility Shop Container 50353-001	Counter Net Kit (set of 2) 24"W X 144.6"L	36962R12CSV1C	●	
	Vertical Counter/Bulkhead Net Kit 36"W X 96.4"L	36962R6SV1BH	●	
	Floor Net Kit (set of 2) 36"W X 96.4"L	36962R12CSV1F	●	
	Top Net 90"W X 168"L	901682R4CSV1T	●	
MSC Office 50353-002	Floor Net 60"W X 90"L	64962R6CSV2T		
	Floor Net 60"W X 36"L	36962R6SV2F	●	
	Top Net 90"W X 168"L	901682R4CSV2T	●	
M105 TSC 50353-020	Floor Net 70"W X 72"L	80842R8CM105F	●	
	Top Net 80"W X 84"L	80842R8CM105T	●	
Expandable MSC 50386-XXX	Floor Net 48"W X 72"L	80842R8CEVANF	●	
	Top Net 108"W X 180"L	901682R4CEVANT	●	