

futuretech



Product Group 3
Mobile Catering Systems

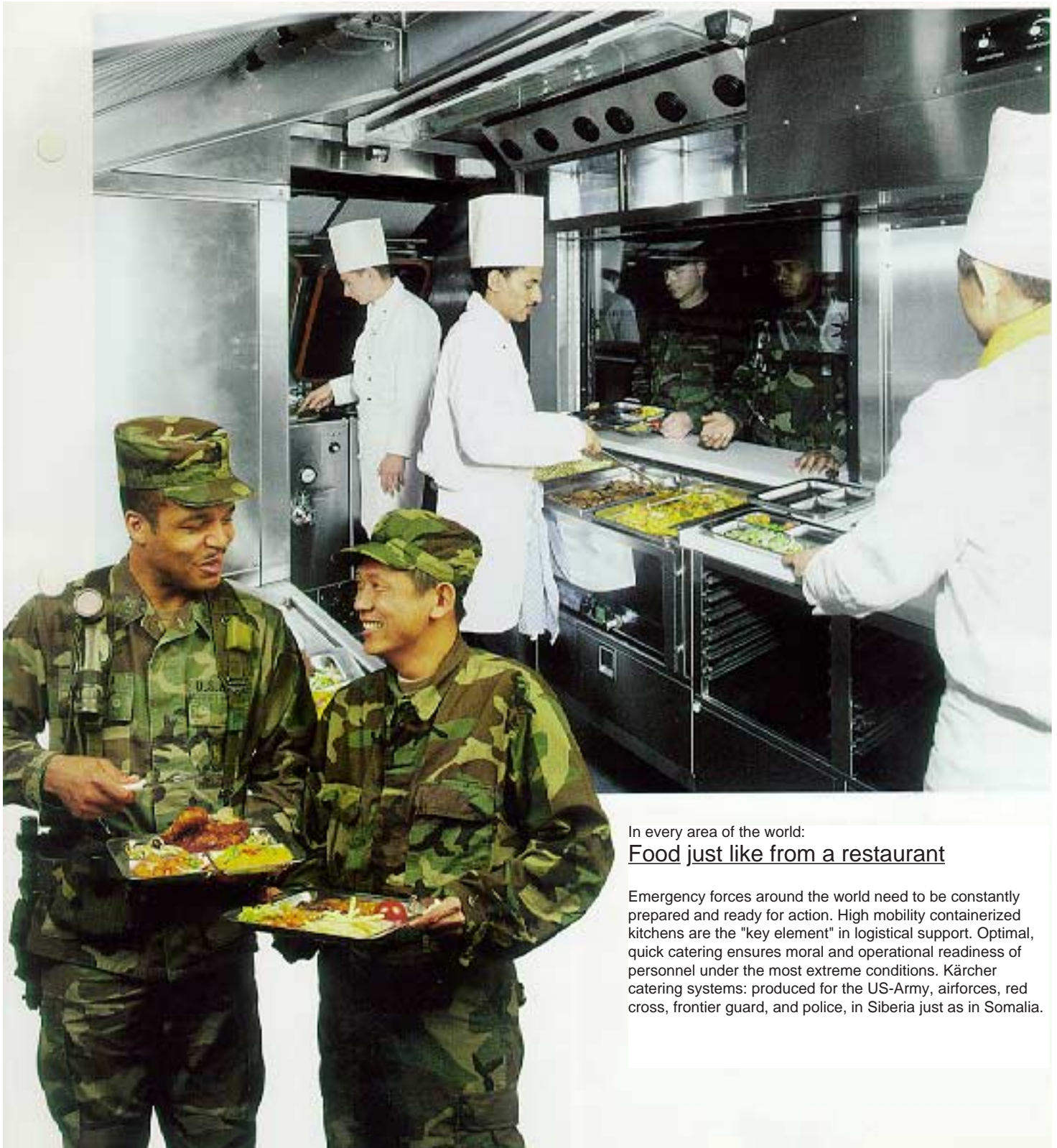
ISO 9001
Certified
Quality Assurance System



AQAP
110



3.4.2 HMCK Containerized Kitchen



In every area of the world:
Food just like from a restaurant

Emergency forces around the world need to be constantly prepared and ready for action. High mobility containerized kitchens are the "key element" in logistical support. Optimal, quick catering ensures moral and operational readiness of personnel under the most extreme conditions. Kärcher catering systems: produced for the US-Army, airforces, red cross, frontier guard, and police, in Siberia just as in Somalia.

Kärcher HMCK- High Mobility Containerized Kitchen with Complete Service

1 Immediate readiness for action

Worldwide operations under extreme conditions require future technology. 350 complete meals can be prepared by three cooks within 2 hours. Field kitchen cooks from the western armed forces were impressed by the new state of the art kitchen technology, with its self sufficient operation in an optimally climatized 20'ISO-container.



2 Modern combi-oven

Kärcher has developed a new generation of diesel heated combi-ovens for mobile military operations. Chickens, vegetables and rice can all be prepared at the same time, either roasted, grilled or baked on one of the eight available baking trays.



3 Double walled pressure cooking kettle

The Kärcher 150 litre Gastronorm pressure cooker has proved itself a thousand times from use in the TFK 250 field kitchen. Fast pressure cooking, up to 0,5 bar, whilst retaining important vitamins and minerals. A maintenance free stainless steel double walled mantle ensures against burning of vegetables, rice and soups.

4 High performance pressure frying kettle

70 l Gastronorm pressure frying kettle with optimal even heat distribution. Quick, efficient frying of chips, grilling of steaks or roasting of joints. Pressure roasting ensures crisp, juicy meat every time. A high performance hamburger grill was developed especially for the US armed forces.



5 Revolutionary burner technology

The new diesel burner offers the same user friendliness as an electric stove, maintenance free for months at a time, with a variable control knob. 4 or 5 burners are available to provide up to 100 kW of immediate heat per container.



Mobile Catering Technology of the Highest Level

6 Spacious refrigerator

What would a five star containerized kitchen be without a generously sized refrigerator? The cubic capacity of approx. 1200 litres is spacious enough to store 600 rations of refrigeratable groceries between -6°C and +6°C. High insulation resistance protects the quality of the refrigerated goods.



7 Self sufficient energy supply

Heating, refrigeration, fresh air and filtered waste air as well as lighting, refrigerator and warm water boiler require a guaranteed power supply of 15 to 20 kW. A high quality generator provides energy around the clock and charges the battery for emergency operations, or the emergency programme during transport.



8 Easy transport

The fastest possible world wide deployment is assured through the 20' ISO container with a twist-lock system. The container is transportable on lorries, aircraft, trains, ships and can be

airlifted by helicopter. A mechanical/electrical lift system allows erection of the container within a short time frame.



9 Weather protected distribution line

The weather protected integrated distribution line can be set up for use in a couple of minutes. The swing up double sided wall with integrated covering serves as weather protection as well as camouflage and gives out no light at night.



10 Hygienic stainless steel finish

Kitchen and walls of the container are made of high quality stainless steel

(CrNi 18/10). This permits quick cleaning and disinfection for immediate operational readiness and optimal hygiene.



Double wash basin near US-Grill Plenty of storage space



User friendly central control panel

Technical Data	Cooking capacity in 2 hours for					Specification	Integrated weather protection	Lift support	Pressure cooking kettle	Combi-frying kettle	US-Grill	Special Refrigerator	Bainmarie	Double wash basin	Work surface	Closed storage space	Climatisation	Extractor hood	Fresh water tank	Central diesel tank	Automatic electric supply	Battery set	Heating	Diesel burner		
	Soldiers	kg	mm	mm	mm																					
HMCK USA	450	4500	6058	2438	2438	mil	1	Option	2 x 150	1 x 70	1 x 150	1	2 x 200	2 x 3 GN 1/1	20/48	2,25	2,0	yes	2	1 x 300	1 x 150	430/24 60Hz	yes	1	2	5
HMCK BW	350	4500	6058	2438	2438	mil	1	mech.	2 x 150	1 x 70	1 x 150	---	1 x 200	1 x 3 GN 1/1	20/48	2,85	2,26	yes	1	---	1 x 150	400/24 50Hz	no	1	1	4
CEK 350 Europe	350	4500	6058	2438	2438	civ	1	mech.	2 x 150	1 x 70	1 x 150	---	1 x 1200	2 x 3 GN 1/1	20/48	2,85	2,0	Option	1	1 x 300	1 x 150	400/24 50Hz	no	1	2	4
CFK 250 Standard	250	4100	6058	2438	2438	civ	---	---	2 x 150	1 x 70	---	---	1 x 600	3Ther-mo-ports	50/50	3,4	1,5	---	1	---	1 x 150	400/24 50Hz	no	1	1	3



Tactical Field Kitchen TFK
Proven throughout the world in armed forces operations.



Modular Field Kitchen MFK
Flexible kitchen for civil defense and disaster control organisations as well as for UN operations.



Shelter Kitchen EKÜ II
The new generation of permanently mounted shelter kitchens from Kärcher for the German frontier guard.



Containerized Kitchen CEK
Future technology: containerized kitchens exclusive from Kärcher.



Inspection by a US-General and experts of the US army NATICK at the RD&E centre.



Please contact us for further information:



Protection Systems



Cleaning and Environmental Protection Systems



Mobile Catering Systems



Water Purification

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