



TECHNICAL SPECIFICATION
DRY FREIGHT CONTAINER 20'X8'X8'6 MGW 24 tons
MODELJ20-MTI A2 DRAWING T201.00.00.00.0 IDENT NO. MSSP20- MTI A2
CUSTOMER

Total Page 2

WEIGHTS	MGW	24,000 KGS	52,910 LBS
	TARE	2,650 KGS	5,840 LBS

DIMENSIONS			
outside	length	6,058 mm	19'10 1/2"
	width	2,438 mm	8'
	height	2,591 mm	8'6"
inside	length	5,583 mm	18' 3 5/8"
	width	2,348 mm	7' 8 23/64"
	height	2,248 mm	7' 4 27/64"
door	wxh	2338x2135 mm	7' 7 49/64" X7' 0"

CUBIC	29.5 m3	1,040 ft3
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MATERIALS	Main structure	mild steel
	PANELS 2.0mm/1.6mm	Corten

DESIGN			
Rear Frame	post outer	5 mm	L bend
	post inner	10 mm	channel
	Header	4 mm	U bend
		3 mm	top plate
	Sill	4.5 mm	C bend

DOOR			
frame	100x50x3.0mm	tube	
panel	2mm	corrugated	2 horizontal
hinge	8 pcs		
gear	4 pcs	Galvanized	
gasket	2 pcs	JC-type	EPDM
Fixing strip	25x1.0 mm	steel	Galvanized
Rivet	5x16 mm	Aluminium	rivet

Front Frame	post	5.0 mm	bend
	Header	60x60x3.0 mm	tube
	Sill	80x160x6.0 mm	tube
Hook-lift	Ø50 mm		round bar
Hook-lift frame	80x160x6.0 mm	tube	

panel	2 mm	corrugated 45/110/18
Side wall top rail	60x100x3.0 mm	tube
Panel	1.6 mm	corrugated 36/72/68
Wall tie down rails	2.5mm	"Ω" type
Ventilator	4 pcs	labyrinth type (small)

Base frame

bottom rail	4.5 mm	channel h=150m
Cross m.	4 mm	C bend h=120mm
F.L.P	3 mm	1set load type
girder	5.5 mm	hot-rolled "I" type h=140m
DIN body-lock plate	50 mm	
Roof	5 panel 2mm corrugated 25 corrugations	20mm height
Floor	plywood 28mm	19 plies

SURFACE TREATMENT shot blast of panels after cutting (S.I.S 2 to 2.5)

Prime of panel after cutting (approx 12-15U zinc rich primer)

Primer of welding seams after skeleton assembly

Cleaning of container before painting

PAINTING

	EXT	INT	BASE
Zinc rich primer	30	30	20
Epoxy primer	40		
Epoxy high build coating	RAL 40		
Chlorinated rubber coating	RAL 40		
Bitumen	200		
Total Min	110	70	220

MARKINGS

ISO 1 set

Consolidated plate 1.h.door 0.8mm stainless steel

GUARANTEE paint 3 years 3 years REO+2 years RE 2/10% of surf ace

decal 5 years

work 1 years

Standard and regulations

The containers are designed and manufactured under sufficient quality control in order to comply with the following authorized classification societies, standards and regulations.

Germanischer Lloyd (GL)

ISO/TC-104

668-	Dimensions and ratings
6346-	Coding, identification and marking
1496/1-	Specification and testing
3874-	Freight containers
1161-	Specifications of corner fitting

DIN 30722- Demountable containers/flatracks (Stanag 2413)

T.I.R. Approved by an authorized classification society

C.S.C In compliance with "International Convention for safe Containers" and approved by an authorized classification society