

# firēnze®

SHOPPING TROLLEYS



reasons to shop...

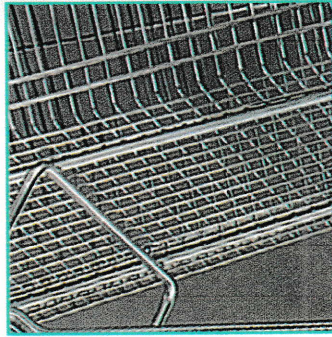
Your Essential Shopping Accessory



# REASONS TO SHOP

## ROBUST FRAME STRUCTURE

Exceptionally strong, welded steel frame sets the base for a sturdy trolley that resists even the most violent impacts and abuse.



## REINFORCED MESH BASKETS

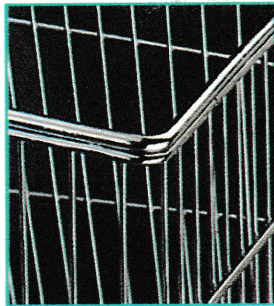
Close mesh basket electrowelded at high intensities reinforced by heavy gauge rods at critical points creates a shopping trolley that exceeds international standards. Special high carbon steel wires are used for exceptional rigidity and tensile strength.



## CORROSION RESISTANT FINISH

Our trolleys are protected by world beating metal surface coatings:

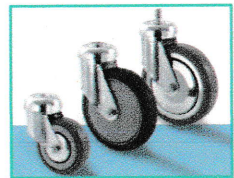
- Shiny electroplated zinc or nickel-chrome platings with a clear oven baked acrylic varnish.
- Epoxy powder coating.
- Coloured nylon polyester coating.



## SMOOTH ROLLING, HARD WEARING CASTORS

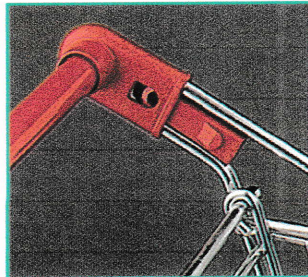
Special castors exclusively manufactured for our trolleys come with:

- Totally sealed ball bearing centres for excellent rollability and quiet running.
- Anti-static (optional), non marking thermoplastic elastomer wheels guarantee user comfort and durability.



## ANTI-ROTATION, WATERTIGHT HANDLE

Comfortable to grip due to its large diameter and protected by a close fitting plastic sleeve and a unique anti-rotation system, this handle will confidently project your store's image for years to come.



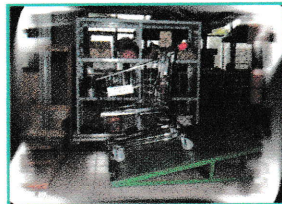
## MONOBLOC, HIGH DENSITY PLASTIC COMPONENTS

Baby seats and handle protectors are molded with a special high density plastic that resists cracking and fading due to UV light and extreme temperatures.



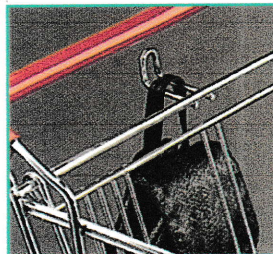
## QUALITY STANDARDS

Our trolleys are designed, manufactured and tested according to international standards in a facility that is certified to international standards. Achievements such as ISO 9001:2000 ensure that you are using trolleys that give you peace of mind.



## BAG HOOK

Sometimes, it is the little details that count. Delight your customers with this small but important feature, available as standard.



## LOGO ON STANDARD HANDLE

The most effective & positive manner to transmit the brand position and image of your store to your customers.

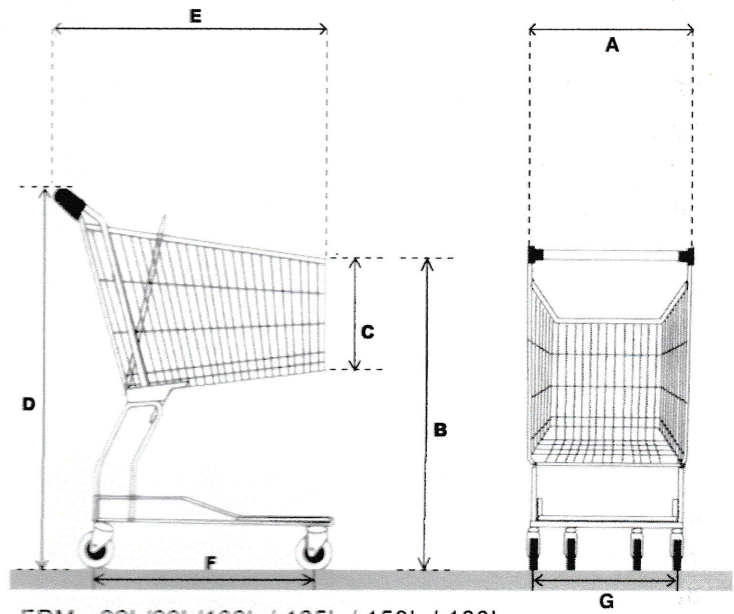
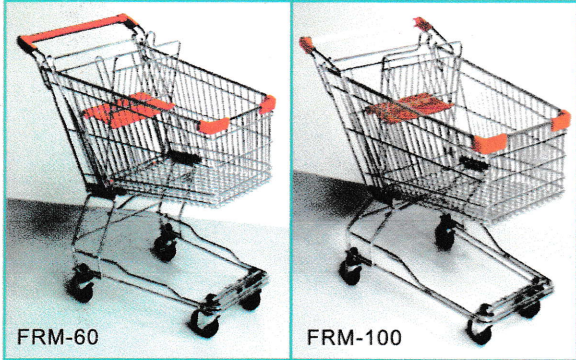
## BABY SEAT

Safety and comfort are paramount considerations and our baby seats are sturdily constructed with no sharp ends and oversized wires.





# SHOPPING TROLLEY -METRO MODEL



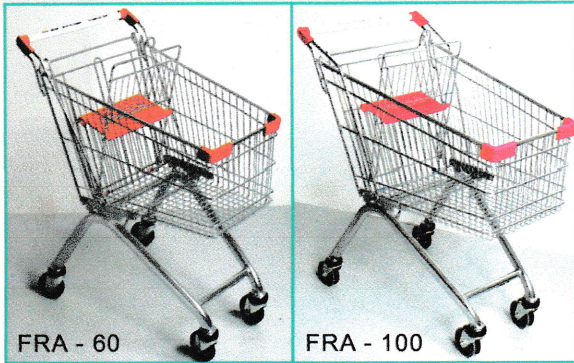
FRM - 22L/60L/100L / 125L / 150L / 180L

MODEL	CAPACITY (LTR)	DIMENSIONS (mm)							CASTOR (mm)	STD FINISHING	NESTING (mm)		
		A	B	C	D	E	F	G			10 UNITS	20 UNITS	50 UNITS
FRM - 22	22	320	530	215	660	480	320	245	75	Zinc + Clear Coat	1470	2570	5870
FRM - 60	60	460	760	270	970	780	515	425	100	Zinc + Clear Coat	2310	4010	9110
FRM - 100	100	530	760	280	965	910	625	460	100	Zinc + Clear Coat	2620	4520	10220
FRM - 125	125	565	795	320	1000	925	675	530	125	Zinc + Clear Coat	2905	5105	11705
FRM - 150	150	595	820	335	995	1020	710	540	125	Zinc + Clear Coat	3270	5770	13270
FRM - 180	180	595	875	400	1060	1035	720	540	125	Zinc + Clear Coat	2925	5025	11535

- Other Finishes available : 1. Chrome Plating  
2. Nylon Polyester Coating  
3. Epoxy Powder Coating



# SHOPPING TROLLEY - COSMO MODEL



FRA - 60

FRA - 100



FRA - 125

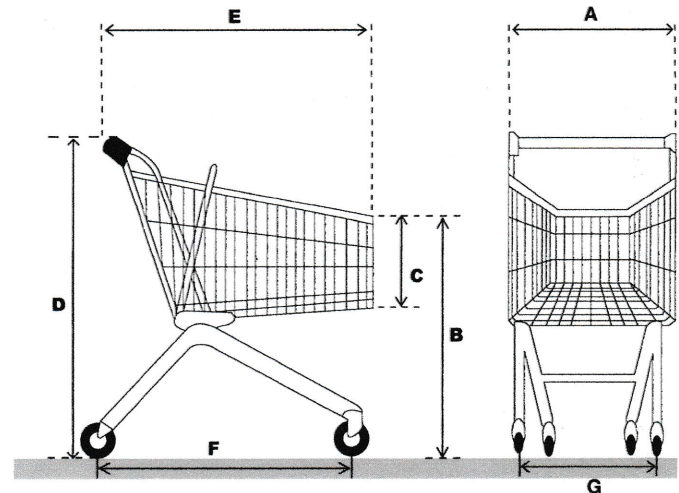
FRA - 180



FRA - 240



FRA - 22



FRA - 22L/60L/100L/125L/150L/180L/210L/240L

MODEL	CAPACITY (LTR)	DIMENSIONS (mm)							CASTOR (mm)	STD FINISHING	NESTING ( mm )		
		A	B	C	D	E	F	G			10 UNITS	20 UNITS	50 UNIT
FRA - 22	22	320	540	220	670	480	275	265	75	Zinc + Clear Coat	1470	2570	6000
FRA - 60	60	460	725	265	925	770	610	450	100	Zinc + Clear Coat	2305	4005	9105
FRA - 100	100	525	760	285	960	900	680	455	100	Zinc + Clear Coat	2785	4885	11185
FRA - 125	125	555	840	320	1030	920	740	490	125	Zinc + Clear Coat	2990	5290	12190
FRA - 150	150	595	840	340	1020	1030	840	520	125	Zinc + Clear Coat	3095	5395	12295
FRA - 180	180	595	860	400	1030	1030	855	530	125	Zinc + Clear Coat	2830	4830	10830
FRA - 210	210	595	850	400	1090	1090	865	540	125	Zinc + Clear Coat	3250	5650	12850
FRA - 240	240	595	875	470	1070	1120	860	535	125	Zinc + Clear Coat	3280	5680	12880

- Other Finishes available : 1. Chrome Plating  
2. Nylon Polyester Coating  
3. Epoxy Powder Coating



# OTHER TROLLEYS SERIES

DIMENSIONS (mm)	SPECIFICATIONS	MODEL										
	<p><b>BASKET TROLLEY 1</b></p> <table border="1"> <tr><td>Main Dimension</td><td>530mm(L)x450mm(W)x990(H)</td></tr> <tr><td>Capacity</td><td>50kg</td></tr> <tr><td>Std. Finishing</td><td>Zinc + Clear Coat</td></tr> <tr><td>Castor</td><td>3" Rubber</td></tr> <tr><td>Nesting</td><td>-</td></tr> </table>	Main Dimension	530mm(L)x450mm(W)x990(H)	Capacity	50kg	Std. Finishing	Zinc + Clear Coat	Castor	3" Rubber	Nesting	-	
Main Dimension	530mm(L)x450mm(W)x990(H)											
Capacity	50kg											
Std. Finishing	Zinc + Clear Coat											
Castor	3" Rubber											
Nesting	-											
	<p><b>BASKET TROLLEY 2</b></p> <table border="1"> <tr><td>Main Dimension</td><td>530mm(L)x450mm(W)x1000(H)</td></tr> <tr><td>Capacity</td><td>50kg</td></tr> <tr><td>Std. Finishing</td><td>Zinc + Clear Coat</td></tr> <tr><td>Castor</td><td>3" Rubber</td></tr> <tr><td>Nesting</td><td>-</td></tr> </table>	Main Dimension	530mm(L)x450mm(W)x1000(H)	Capacity	50kg	Std. Finishing	Zinc + Clear Coat	Castor	3" Rubber	Nesting	-	
Main Dimension	530mm(L)x450mm(W)x1000(H)											
Capacity	50kg											
Std. Finishing	Zinc + Clear Coat											
Castor	3" Rubber											
Nesting	-											
	<p><b>KIDDY CART</b></p> <table border="1"> <tr><td>Main Dimension</td><td>1262mm(L)x606mm(W)x1086mm(H)</td></tr> <tr><td>Capacity</td><td>50kg</td></tr> <tr><td>Std. Finishing</td><td>Zinc + Clear Coat</td></tr> <tr><td>Castor</td><td>5" Rubber</td></tr> <tr><td>Nesting</td><td>-</td></tr> </table>	Main Dimension	1262mm(L)x606mm(W)x1086mm(H)	Capacity	50kg	Std. Finishing	Zinc + Clear Coat	Castor	5" Rubber	Nesting	-	
Main Dimension	1262mm(L)x606mm(W)x1086mm(H)											
Capacity	50kg											
Std. Finishing	Zinc + Clear Coat											
Castor	5" Rubber											
Nesting	-											
	<p><b>WHEEL CHAIR CART</b></p> <table border="1"> <tr><td>Main Dimension</td><td>876mm(L)x818mm(W)x1072mm(H)</td></tr> <tr><td>Capacity</td><td>50kg</td></tr> <tr><td>Std. Finishing</td><td>Zinc + Clear Coat</td></tr> <tr><td>Castor</td><td>5" Rubber</td></tr> <tr><td>Nesting (10 units)</td><td>3351mm</td></tr> </table>	Main Dimension	876mm(L)x818mm(W)x1072mm(H)	Capacity	50kg	Std. Finishing	Zinc + Clear Coat	Castor	5" Rubber	Nesting (10 units)	3351mm	
Main Dimension	876mm(L)x818mm(W)x1072mm(H)											
Capacity	50kg											
Std. Finishing	Zinc + Clear Coat											
Castor	5" Rubber											
Nesting (10 units)	3351mm											
	<p><b>GARDEN TROLLEY</b></p> <table border="1"> <tr><td>Main Dimension</td><td>1074mm(L)x513mm(W)x950mm(H)</td></tr> <tr><td>Capacity</td><td>50kg</td></tr> <tr><td>Std. Finishing</td><td>Zinc + Clear Coat</td></tr> <tr><td>Castor</td><td>5" Rubber</td></tr> <tr><td>Nesting (10 units)</td><td>4197mm</td></tr> </table>	Main Dimension	1074mm(L)x513mm(W)x950mm(H)	Capacity	50kg	Std. Finishing	Zinc + Clear Coat	Castor	5" Rubber	Nesting (10 units)	4197mm	
Main Dimension	1074mm(L)x513mm(W)x950mm(H)											
Capacity	50kg											
Std. Finishing	Zinc + Clear Coat											
Castor	5" Rubber											
Nesting (10 units)	4197mm											



# OTHER TROLLEYS SERIES

DIMENSIONS (mm)	SPECIFICATIONS	MODEL										
	<p style="text-align: center;"><b>A I R P O R T T R O L L E Y 1</b></p> <table border="1"> <tr><td>Main Dimension</td><td>998mm(L)x525mm(W)x1008mm(H)</td></tr> <tr><td>Capacity</td><td>125kg</td></tr> <tr><td>Std. Finishing</td><td>Nickel Chrome</td></tr> <tr><td>Castor</td><td>Rubber, 5" (Front) + 6" (Rear)</td></tr> <tr><td>Nesting (10 units)</td><td>4022mm</td></tr> </table>	Main Dimension	998mm(L)x525mm(W)x1008mm(H)	Capacity	125kg	Std. Finishing	Nickel Chrome	Castor	Rubber, 5" (Front) + 6" (Rear)	Nesting (10 units)	4022mm	
Main Dimension	998mm(L)x525mm(W)x1008mm(H)											
Capacity	125kg											
Std. Finishing	Nickel Chrome											
Castor	Rubber, 5" (Front) + 6" (Rear)											
Nesting (10 units)	4022mm											
	<p style="text-align: center;"><b>A I R P O R T T R O L L E Y 2</b></p> <table border="1"> <tr><td>Main Dimension</td><td>1374mm(L)x739mm(W)x1008mm(H)</td></tr> <tr><td>Capacity</td><td>250kg</td></tr> <tr><td>Std. Finishing</td><td>Nickel Chrome</td></tr> <tr><td>Castor</td><td>Rubber, 5" (Front) + 8" (Rear)</td></tr> <tr><td>Nesting (10 units)</td><td>4345mm</td></tr> </table>	Main Dimension	1374mm(L)x739mm(W)x1008mm(H)	Capacity	250kg	Std. Finishing	Nickel Chrome	Castor	Rubber, 5" (Front) + 8" (Rear)	Nesting (10 units)	4345mm	
Main Dimension	1374mm(L)x739mm(W)x1008mm(H)											
Capacity	250kg											
Std. Finishing	Nickel Chrome											
Castor	Rubber, 5" (Front) + 8" (Rear)											
Nesting (10 units)	4345mm											
	<p style="text-align: center;"><b>A I R P O R T T R O L L E Y 3</b></p> <table border="1"> <tr><td>Main Dimension</td><td>913mm(L)x569mm(W)x1003mm(H)</td></tr> <tr><td>Capacity</td><td>250kg</td></tr> <tr><td>Std. Finishing</td><td>Nickel Chrome</td></tr> <tr><td>Castor</td><td>Rubber, 5" (Front) + 8" (Rear)</td></tr> <tr><td>Nesting (10 units)</td><td>3433mm</td></tr> </table>	Main Dimension	913mm(L)x569mm(W)x1003mm(H)	Capacity	250kg	Std. Finishing	Nickel Chrome	Castor	Rubber, 5" (Front) + 8" (Rear)	Nesting (10 units)	3433mm	
Main Dimension	913mm(L)x569mm(W)x1003mm(H)											
Capacity	250kg											
Std. Finishing	Nickel Chrome											
Castor	Rubber, 5" (Front) + 8" (Rear)											
Nesting (10 units)	3433mm											
	<p style="text-align: center;"><b>M A K R O T R O L L E Y</b></p> <table border="1"> <tr><td>Main Dimension</td><td>1379mm(L)x732mm(W)x926mm(H)</td></tr> <tr><td>Capacity</td><td>500kg</td></tr> <tr><td>Std. Finishing</td><td>Zinc + Clear Coat</td></tr> <tr><td>Castor</td><td>6" Rubber</td></tr> <tr><td>Nesting (10 units)</td><td>5132mm</td></tr> </table>	Main Dimension	1379mm(L)x732mm(W)x926mm(H)	Capacity	500kg	Std. Finishing	Zinc + Clear Coat	Castor	6" Rubber	Nesting (10 units)	5132mm	
Main Dimension	1379mm(L)x732mm(W)x926mm(H)											
Capacity	500kg											
Std. Finishing	Zinc + Clear Coat											
Castor	6" Rubber											
Nesting (10 units)	5132mm											

• Other Finishes available : 1. Chrome Plating  
 2. Nylon Polyester Coating  
 3. Epoxy Powder Coating



# ADVERTISING MEDIA & ACCESSORIES

## Logo on Multifunction Ergonomic Handle

Transmit your image on a large format advertisement handle and protect your trolleys with an inbuilt coin lock with this fashionable Systec handle.



## Personalised Baby Seat

Hot Stamp your logo or message onto the baby seat for a unique and longlasting impression.



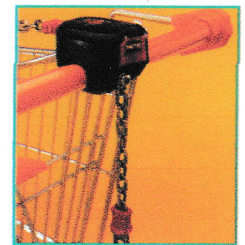
## Personalised Plastic Flag

This topseller projects your message flamboyantly and prevents your trolleys from being loaded into most closed roof vehicles. Logos and messages are silk screen printed.



## Coin Locks

Choose from our wide variety of Systec and other generic coin locks for loss prevention and orderly management of your trolleys. Parking bays with starter keys available on request.



## Baby Capsule

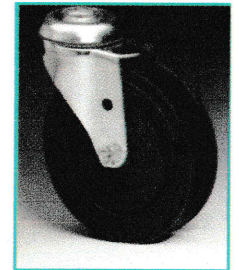
Your customers can shop at ease knowing that their babies are well strapped into our soft, patented baby shells. Safety belts come as standard.



- Nestable even after installation

## Travellator Wheels

Proven internationally, our high density plastic travellator wheels are equipped with an integrated internal (or side) braking system and ball bearing centres for a noise-free, low-maintenance and cost effective solution.



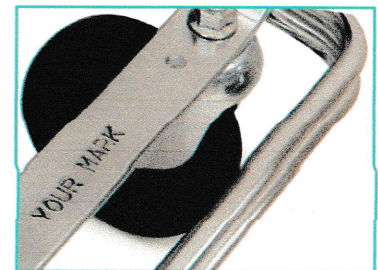
## Multi-Coloured Personalisation

Try the Create-It-Yourself (CIY) concept with our trolleys by mixing & matching the multitude of colour options available for the coating of our trolleys and plastic components.



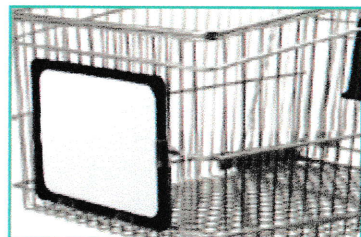
## Security Logo Stamping/Etching /Laser Cutting

Stamp, etch or laser cut your identification mark onto the base or side plates for easy identification and to deter theft.



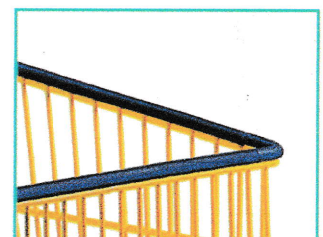
## Advertisement Display Holder

Sell your cart as an advertisement medium or use it for your own messages with this clip-on tool.



## Plastic Bumpers

Protect your investment from scratches & dents with this attractive add-on accessory, available in any colour that you may choose. Available for the base frame as well.





Authorised Dealer :



Est. 1965

# Ban Ngai Engineering Sdn Bhd (192894-T)

*Material Handling Equipment*

**KL HQ :**

Lot 4934, Batu 5 3/4, Jalan Meru, 41050 Klang, Selangor, Malaysia.  
Tel: +603-3392 3813 (HL) Fax: +603-3392 1344 / 8050

**JB OFFICE :**

No. 42, Jalan Ros Merah Dua/2, Taman Johor Jaya, 81100 Johor Bahru, Johor, Malaysia.

Tel: +607-355 0030 (HL) Fax: +607-355 0085

**PENANG OFFICE :**

NO. 4617 & 4618, Jalan Chain Ferry, 12100 Butterworth, Penang, Malaysia.  
Tel: +604-333 3160 (HL) Fax: +604-333 3172



ISO 9001 : 2000 039  
Registration Number : 026130