



# EMAXX™ SERIES

# 900 LBS

## FEATURES

**KINGPIN:** 3/4" diameter heavy duty kingpin  
**RACEWAY:** 5/16" diameter upper and lower hardened steel load bearings  
**BUSHING:** Roller bearings with drilled hardened steel spanner bushing and plastic side washers

**AXLE&NUT:** 1/2" zerk axle and lock nut (except with PB)  
**FINISH:** Corrosion resistant bright zinc  
**LUBRICATION:** Grease nipple in swivel raceway  
**HARDENED:** Washers  
**LEG SPACING:** 2 1/2"



### EXCELLENT FOR:

- Stock carts
- Platform trucks
- Heavy service equipment
- Garbage bins
- Wire shelving units
- Factory use
- Rugged, yet economical



ALTHANE™ ALTHANE™ WOW BALLOON CUSHION DUCTILE IRON CROWNED FLAT FREE FREEDOM™ MOLDON ALUM. RUBBER MOLDON ALUM. URETHANE MOLDON POLY. URETHANE MOLDON RUBBER MOLDON URETHANE CROWNED MOLDON URETHANE NYROLL™ PHENOLIC (HTPH) POLYOLEFIN (POX) PROTECH™ PROTECH™ FLAT ROLLX™ LAVAT™ ROLLX™ WOW LAVAT™ WOW SEMI STEEL SOLID STEEL ENVIROTHANE™ ENVIROTHANE™ GREY CROWNED ENVIROTHANE™ GREY V GROOVE

### OPTIONS:

- ALK A Locking Brake (wheel & swivel)
- ASK A Locking Brake (swivel only)
- AWK A Locking Brake (wheel only)
- iLK Directional and Wheel iLock
- iLKW Wheel Only iLock
- iLKS Swivel Only iLock
- iLK4 4 Position Swivel and Wheel iLock
- PWB Pedal Wheel Brake
- SLB Side Locking Brake (Rigid only) (not avail. w/ A38F plate)
- TLB1 Top Locking Brake (Swivel & Rigid) (not avail. w/ A38F plate)
- TLB2 Top Locking Brake (Swivel & Rigid) (not avail. w/ A38F plate)
- TG Thread Guards
- 1PSL 1 Position Swivel Lock
- 2PSL 2 Position Swivel Lock
- 3PSL 3 Position Swivel Lock
- 4PSL 4 Position Swivel Lock
- BB Ball Bearing
- DB Delrin Bearing
- NB Nylon Roller Bearing
- PB Precision Ball Bearing
- RBC Caged Roller Bearing
- C Raceway Seal
- DT Mounting Plates, Drilled and Tapped
- EXP Expandable stems
- SSW Steel Side Washers
- SWH Heat-treated Side Washers
- Z Zerk in Wheel

### FINISHES:

- E6522 Chrome
- E6524I Black Ionic
- Inquiries on other finishes welcome

### SPECIAL:

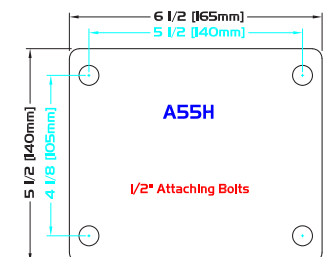
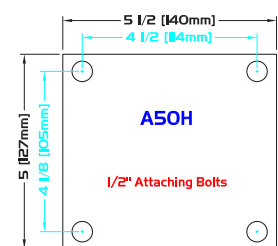
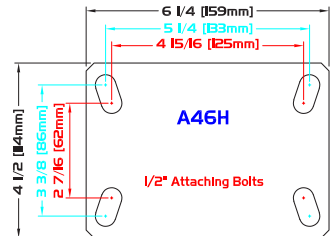
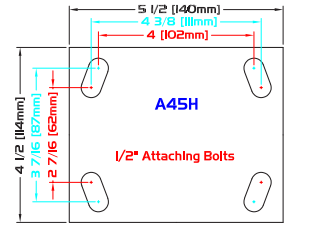
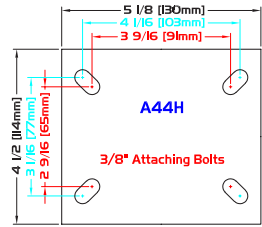
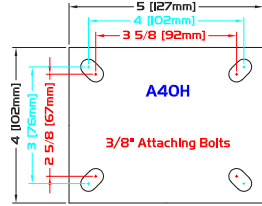
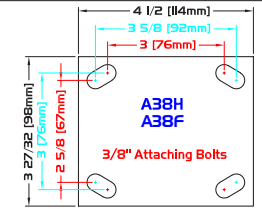
- One formed piece. No welding.
- Many special stems available.
- Custom plates & bolt hole spacing available
- Virtually maintenance free.

WHEEL		CASTER				PART NUMBER								
Diameter	Tread Width	Capacity Lbs.	Bearing Type	Swivel Radius	Overall Height	Wheel Type	Swivel	Caster Weight (lbs)	Rigid	Caster Weight (lbs)				
4"	2"	300	Roller	3 3/4"	5 5/8"	Moldon Rubber	SE6543-***-MR-RB	6.79	RE6543-***-MR-RB	4.61				
		300	Roller			ProTech™ Crown	SE6543-***-PRO-RB	4.79	RE6543-***-PRO-RB	2.61				
		400	Roller			Moldon Alum. Rubber	SE6543-***-MAR-RB	5.29	RE6543-***-MAR-RB	3.11				
		550	Roller			Polyolefin	SE6543-***-POX-RB	4.51	RE6543-***-POX-RB	2.33				
		600	Roller			High Temp Phenolic (475°)	SE6543-***-HTPH-RB	5.49	RE6543-***-HTPH-RB	3.31				
		650	Roller			Envirothane™	SE6543-***-U-RB	4.91	RE6543-***-U-RB	2.73				
		650	Precision			Envirothane™ Grey - PB	SE6543-***-UG-PB	4.90	RE6543-***-UG-PB	2.72				
		650	Roller			Envirothane™ Grey - RB	SE6543-***-UG-RB	4.91	RE6543-***-UG-RB	2.73				
		700	Roller			Moldon Poly. Urethane	SE6543-***-MPU-RB	4.87	RE6543-***-MPU-RB	2.69				
		700	Roller			Solid Steel	SE6543-***-SS-RB	6.69	RE6543-***-SS-RB	4.51				
		700	Roller			Moldon Urethane Crown	SE6543-***-URC-RB	6.45	RE6543-***-URC-RB	4.33				
		750	Roller			ALTHane™	SE6543-***-ALT-RB	4.71	RE6543-***-ALT-RB	2.53				
		800	Roller			Freedom™	SE6543-***-FDM-PB	5.04	RE6543-***-FDM-PB	2.92				
		800	Roller			Lava™	SE6543-***-LV-RB	4.77	RE6543-***-LV-RB	2.59				
		800	Roller			Moldon Alum. Urethane	SE6543-***-MAU-RB	5.09	RE6543-***-MAU-RB	2.91				
		800	Roller			RollX™	SE6543-***-RX-RB	4.72	RE6543-***-RX-RB	2.54				
		900	Roller			Moldon Urethane	SE6543-***-UR-RB	6.39	RE6543-***-UR-RB	4.21				
		900	Roller			Lava™-WOW	SE6543-***-LVW-RB	4.92	RE6543-***-LVW-RB	2.80				
		900	Roller			Nyroll™	SE6543-***-NYN-RB	4.87	RE6543-***-NYN-RB	2.69				
		900	Roller			Phenolic	SE6543-***-PH-RB	5.10	RE6543-***-PH-RB	2.92				
		900	Roller			RollX™-WOW	SE6543-***-RXW-RB	4.92	RE6543-***-RXW-RB	2.80				
		900	Roller			V Groove	SE6543-***-VG-RB	7.71	RE6543-***-VG-RB	5.53				
		5"	2"			350	Ball	4 7/16"	6 1/2"	Alum. Rubber Grey	SE6553-***-ARG-BB	6.08	RE6553-***-ARG-BB	3.79
						350	Roller			Soft Rubber	SE6553-***-SR-RB	6.10	RE6553-***-SR-RB	3.81
375	Roller			ProTech™ Crown	SE6553-***-PRO-RB	5.31	RE6553-***-PRO-RB			3.02				
450	Roller			Moldon Rubber	SE6553-***-MR-RB	6.99	RE6553-***-MR-RB			4.70				
500	Roller			Moldon Alum. Rubber	SE6553-***-MAR-RB	5.77	RE6553-***-MAR-RB			3.48				
650	Roller			Polyolefin	SE6553-***-POX-RB	4.82	RE6553-***-POX-RB			2.53				
750	Precision			Freedom™	SE6553-***-FDM-PB	5.55	RE6553-***-FDM-PB			3.32				
750	Roller			High Temp Phenolic (475°)	SE6553-***-HTPH-RB	5.86	RE6553-***-HTPH-RB			3.57				
800	Roller			Lava™	SE6553-***-LV-RB	5.16	RE6553-***-LV-RB			2.87				
800	Roller			Envirothane™	SE6553-***-U-RB	5.57	RE6553-***-U-RB			3.28				
800	Precision			Envirothane™ Grey - PB	SE6553-***-UG-PB	5.61	RE6553-***-UG-PB			3.32				
800	Roller			Envirothane™ Grey - RB	SE6553-***-UG-RB	5.57	RE6553-***-UG-RB			3.28				
800	Roller			Moldon Urethane Crown	SE6553-***-URC-RB	6.91	RE6553-***-URC-RB			4.62				
900	Roller			ALTHane™	SE6553-***-ALT-RB	5.17	RE6553-***-ALT-RB			2.88				
900	Roller			Ductile Iron Crowned	SE6553-***-DIC-RB	8.39	RE6553-***-DIC-RB			6.10				
900	Roller			Lava™-WOW	SE6553-***-LVW-RB	5.47	RE6553-***-LVW-RB			3.18				
900	Roller			Moldon Alum. Urethane	SE6553-***-MAU-RB	5.67	RE6553-***-MAU-RB			3.38				
900	Roller			Moldon Poly. Urethane	SE6553-***-MPU-RB	5.55	RE6553-***-MPU-RB			3.26				
900	Roller			Nyroll™	SE6553-***-NYN-RB	5.41	RE6553-***-NYN-RB			3.12				
900	Roller			Phenolic	SE6553-***-PH-RB	5.77	RE6553-***-PH-RB			3.48				
900	Roller			RollX™	SE6553-***-RX-RB	5.11	RE6553-***-RX-RB			2.82				
900	Roller			RollX™-WOW	SE6553-***-RXW-RB	5.47	RE6553-***-RXW-RB			3.18				
900	Roller			Solid Steel	SE6553-***-SS-RB	7.81	RE6553-***-SS-RB			5.52				
900	Roller			Moldon Urethane	SE6553-***-UR-RB	7.61	RE6553-***-UR-RB			5.32				
900	Roller	V Groove	SE6553-***-VG-RB	8.33	RE6553-***-VG-RB	6.54								

STANDARD SWIVEL PLATE: A38H  
STANDARD RIGID PLATE: A38F

H - Plate Thickness: 1/4"  
F - Plate Thickness: 5/32"

### PLATE DIAGRAMS



WHEEL		CASTER		PART NUMBER						
Diameter	Tread Width	Capacity Lbs.	Bearing Type	Swivel Radius	Overall Height	Wheel Type	Swivel	Caster Weight (lbs)	Rigid	Caster Weight (lbs)
6"	2"	275	Precision	5"	7 1/2"	Flat Free	SE6563-***-FFC-PBB	5.54	RE6563-***-FFC-PBB	4.29
		450	Ball			Balloon Cushion Rubber Grey	SE6563-***-BARG-BB	6.44	RE6563-***-BARG-BB	4.22
		450	Roller			ProTech™ Crown	SE6563-***-PRO-RB	5.64	RE6563-***-PRO-RB	3.42
		500	Roller			Moldon Alum. Rubber	SE6563-***-MAR-RB	6.32	RE6563-***-MAR-RB	4.10
		500	Roller			Moldon Rubber	SE6563-***-MR-RB	8.00	RE6563-***-MR-RB	5.78
		500	Roller			ProTech™ Flat	SE6563-***-PROF-RB	5.64	RE6563-***-PROF-RB	3.42
		700	Roller			Polyolefin	SE6563-***-POX-RB	5.01	RE6563-***-POX-RB	2.79
		900	Roller			ALThane™	SE6563-***-ALT-RB	5.75	RE6563-***-ALT-RB	3.53
		900	Roller			ALThane™-WOW	SE6563-***-ALTWOW-RB	5.75	RE6563-***-ALTWOW-RB	3.53
		900	Roller			Ductile Iron Crowned	SE6563-***-DIC-RB	9.44	RE6563-***-DIC-RB	7.22
		900	Precision			Freedom™	SE6563-***-FDM-PB	6.50	RE6563-***-FDM-PB	4.34
		900	Roller			High Temp Phenolic (475°)	SE6563-***-HTPH-RB	6.69	RE6563-***-HTPH-RB	4.47
		900	Roller			Lava™	SE6563-***-LV-RB	5.41	RE6563-***-LV-RB	3.19
		900	Roller			Lava™-WOW	SE6563-***-LVW-RB	5.94	RE6563-***-LVW-RB	3.72
		900	Roller			Moldon Alum. Urethane	SE6563-***-MAU-RB	6.28	RE6563-***-MAU-RB	4.06
		900	Roller			Moldon Poly. Urethane	SE6563-***-MPU-RB	6.10	RE6563-***-MPU-RB	3.88
		900	Roller			Nyroll™	SE6563-***-NYN-RB	5.91	RE6563-***-NYN-RB	3.69
		900	Roller			Phenolic	SE6563-***-PH-RB	6.60	RE6563-***-PH-RB	4.38
		900	Roller			RollX™	SE6563-***-RX-RB	5.36	RE6563-***-RX-RB	3.14
		900	Precision			RollX™-WOW-PB	SE6563-***-RXW-PB	5.89	RE6563-***-RXW-PB	3.77
900	Roller	RollX™-WOW	SE6563-***-RXW-RB	5.94	RE6563-***-RXW-RB	3.72				
900	Roller	Solid Steel	SE6563-***-SS-RB	8.98	RE6563-***-SS-RB	6.76				
900	Roller	Envirothane™	SE6563-***-U-RB	6.28	RE6563-***-U-RB	4.06				
900	Precision	Envirothane™ Grey - PB	SE6563-***-UG-PB	6.03	RE6563-***-UG-PB	3.81				
900	Roller	Envirothane™ Grey - RB	SE6563-***-UG-RB	6.28	RE6563-***-UG-RB	4.06				
900	Precision	Envirothane™ Grey Crowned - PB	SE6563-***-UGC-PB	5.98	RE6563-***-UGC-PB	3.76				
900	Roller	Moldon Urethane	SE6563-***-UR-RB	8.46	RE6563-***-UR-RB	6.24				
900	Roller	Moldon Urethane Crown	SE6563-***-URC-RB	7.87	RE6563-***-URC-RB	5.65				
900	Roller	V Groove	SE6563-***-VG-RB	10.10	RE6563-***-VG-RB	7.88				

\* Caster weight based on Standard Plate



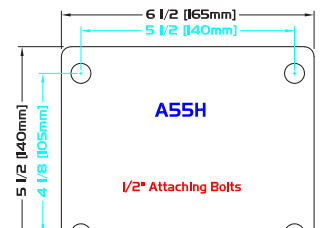
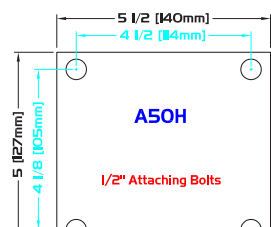
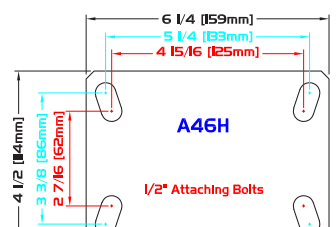
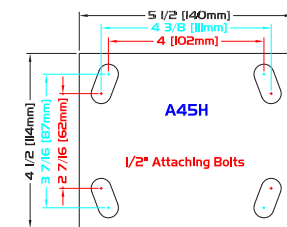
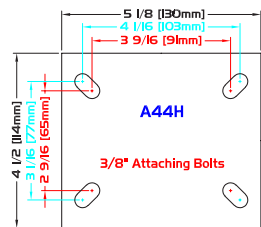
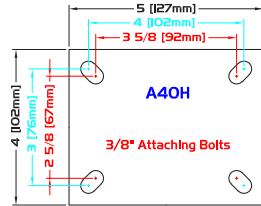
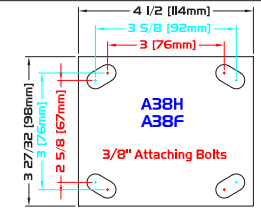
### PLATE DIAGRAMS

STANDARD SWIVEL PLATE: A38H  
STANDARD RIGID PLATE: A38F

H - Plate Thickness: 1/4"  
F - Plate Thickness: 5/32"

WHEEL			CASTER			PART NUMBER				
Diameter	Tread Width	Capacity Lbs.	Bearing Type	Swivel Radius	Overall Height	Wheel Type	Swivel	Caster Weight (lbs)	Rigid	Caster Weight (lbs)
8"	2"	550	Ball	6"	9 1/2"	Balloon Cushion Rubber Grey	SE6583-***-BARG-BB	8.24	RE6583-***-BARG-BB	5.90
		600	Roller			Moldon Alum. Rubber	SE6583-***-MAR-RB	7.42	RE6583-***-MAR-RB	5.08
		600	Roller			Moldon Rubber	SE6583-***-MR-RB	10.04	RE6583-***-MR-RB	7.70
		600	Roller			ProTech™ Crown	SE6583-***-PRO-RB	6.73	RE6583-***-PRO-RB	4.39
		650	Roller			ProTech™ Flat	SE6583-***-PROF-RB	6.69	RE6583-***-PROF-RB	4.35
		900	Roller			ALThane™	SE6583-***-ALT-RB	6.56	RE6583-***-ALT-RB	4.22
		900	Precision			Freedom™	SE6583-***-FDM-PB	8.33	RE6583-***-FDM-PB	6.05
		900	Roller			High Temp Phenolic (475°)	SE6583-***-HTPH-RB	8.25	RE6583-***-HTPH-RB	5.91
		900	Roller			Lava™	SE6583-***-LV-RB	6.45	RE6583-***-LV-RB	4.11
		900	Roller			Lava™-WOW	SE6583-***-LVW-RB	6.81	RE6583-***-LVW-RB	4.47
		900	Roller			Moldon Alum. Urethane	SE6583-***-MAU-RB	7.60	RE6583-***-MAU-RB	5.26
		900	Roller			Moldon Poly. Urethane	SE6583-***-MPU-RB	6.88	RE6583-***-MPU-RB	4.54
		900	Roller			Nyroll™	SE6583-***-NYN-RB	7.01	RE6583-***-NYN-RB	4.67
		900	Roller			Phenolic	SE6583-***-PH-RB	8.16	RE6583-***-PH-RB	5.82
		900	Roller			Polyolefin	SE6583-***-POX-RB	5.71	RE6583-***-POX-RB	3.37
		900	Roller			RollX™	SE6583-***-RX-RB	6.40	RE6583-***-RX-RB	4.06
		900	Roller			RollX™-WOW	SE6583-***-RXW-RB	6.81	RE6583-***-RXW-RB	4.47
		900	Roller			Solid Steel	SE6583-***-SS-RB	11.60	RE6583-***-SS-RB	9.26
		900	Roller			Semi Steel	SE6583-***-ST-RB	11.60	RE6583-***-ST-RB	9.26
		900	Roller			Envirothane™	SE6583-***-U-RB	7.50	RE6583-***-U-RB	5.16
900	Precision	Envirothane™ Grey - PB	SE6583-***-UG-PB	6.29	RE6583-***-UG-PB	3.95				
900	Roller	Envirothane™ Grey	SE6583-***-UG-RB	7.50	RE6583-***-UG-RB	5.16				
900	Precision	Envirothane™ Grey Crowned-PB	SE6583-***-UGC-PB	7.42	RE6583-***-UGC-PB	5.08				
900	Roller	Moldon Urethane	SE6583-***-UR-RB	10.76	RE6583-***-UR-RB	8.42				
900	Roller	Moldon Urethane Crown	SE6583-***-URC-RB	10.32	RE6583-***-URC-RB	7.98				
900	Roller	V Groove	SE6583-***-VG-RB	13.56	RE6583-***-VG-RB	11.22				

\* Caster weight based on Standard Plate

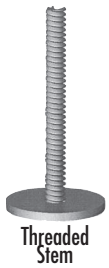




## STEMS

STANDARD THREADED LENGTH: 4"  
 STANDARD ROUND LENGTH: 4"  
 STANDARD METRIC LENGTH: 4"

CUSTOM DIAMETERS: any  
 STANDARD LENGTHS: any



Threaded Stem



Round Stem



Metric Stem

### THREADED STEMS

***	DIAMETER	LENGTH	TYPE
1/2-13X4H0	1/2"	4"	NC
5/8-11X4	5/8"	4"	NC
3/4-10X4	3/4"	4"	NC
7/8-9X4	7/8"	4"	NC
1-8X4	1"	4"	NC

### ROUND STEMS

***	DIAMETER	LENGTH	TYPE
500 X 4	1/2"	4"	Plain
625 X 4	5/8"	4"	Plain
750 X 4	3/4"	4"	Plain
875 X 4	7/8"	4"	Plain
1.000 X 4	1"	4"	Plain
1.375 X 4	1 3/8"	4"	Plain

### METRIC STEMS

***	DIAMETER	THREAD SIZE	LENGTH
M12-1.75X4	12mm	1.75	4"
M14-2X4	14mm	2.0	4"
M16-2X4	16mm	2.0	4"
M18-2.5X4	18mm	2.5	4"
M20-2.5X4	20mm	2.5	4"
M22-2.5X4	22mm	2.5	4"
M24-3X4	24mm	3.0	4"
M27-3X4	27mm	3.0	4"

### BOLT HOLES

#### BOLT HOLES

***	DIAMETER
3/8HOLE	3/8"
1/2HOLE	1/2"



Bolt Hole

