

20L – 60L Supply Systems

The Next Generation . . .



D60



S20



L20c

Unique Selling Proposition



- **Leading Quality**
 - Lowest Cost of Ownership
 - Easy to Use
 - Easy to Maintain
- **Unbeatable Service**
 - Fast Delivery
 - Wide Product Offering
 - Easy Ordering
- **Technology Differentiation**
 - Electronics
 - Design



Product Structure – Small Rams



C M x x x x

PRODUCT IDENTIFIER

CM: CHECKMATE RAM

PUMP	<u>Ratio</u>	<u>MaxLife</u>	<u>DataTrak</u>	<u>Material</u>
	40:1 CM100 / NXT2200	- / Yes	- / Yes	CS / SST
	63:1 CM100 / NXT3400	- / Yes	- / Yes	CS / SST
	5:1 CM60 / NXT200	- / Yes	-	CS / SST
	11:1 CM60 / NXT400	- / Yes	- / Yes	CS / SST
	20:1 CM60 / NXT700	- / Yes	- / Yes	CS / SST
	38:1 CM60 / NXT1200	- / Yes	- / Yes	CS / SST
	61:1 CM60 / NXT1800	- / Yes	- / Yes	CS / SST

RAM	<u>Ram Style</u>	<u>Max. Capacity</u>	<u>Voltage</u>
	Inductor Cart	20L	-
	3" Single Post Cart	20L	-
	3" Single Post	20L	- /24/120
	3" Dual Post	60L	- /24/120
	3" Dual Post w/ Euro Air Controls	60L	- /24/120

PLATEN	<u>Platen Size</u>	<u>Material</u>	<u>Wiper Seal</u>
	20L	CS / SST	Single & Double Nitrile, PU, & PTFE
	30L	CS / SST	Single & Double Nitrile, PU, & PTFE
	60L	CS / SST	Single & Double Nitrile, PU, & PTFE

Product Structure - Rams



- DataTrak on S20 & D60 rams only
- S20 accepts 20L platen only, but is tall enough for 7g or 30L pails
- 2-button interlock available on D60

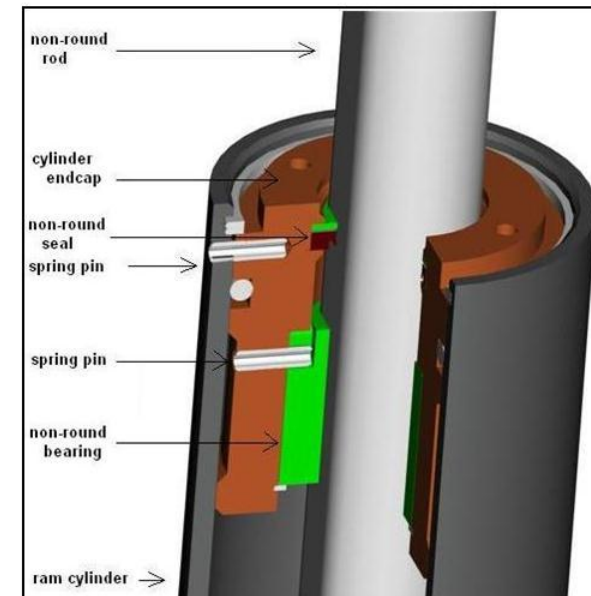
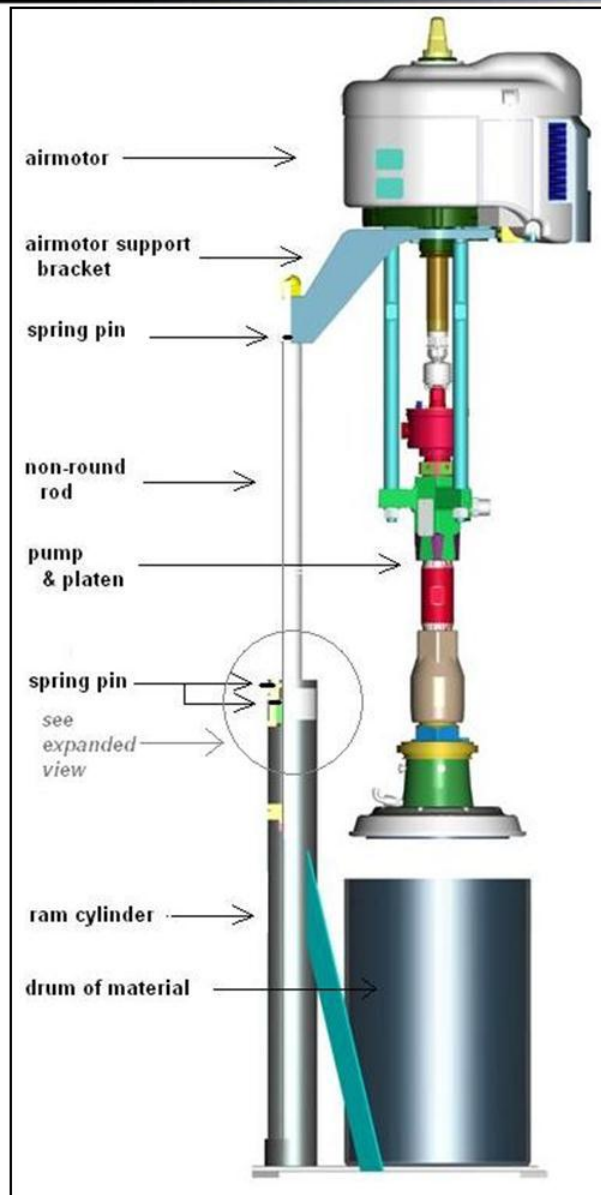


Platen Sizes (L)		0 Volt	120 VAC	24 VDC	2-button interlock	Cart
L20c	20	x				x
S20	20	x	x	x		x
D60	20, 30, 50/60	x	x	x	x	

Product Design - Rams



- S20 & D60 rams are taller to accept larger European pail sizes
- S20 has been strengthened to reduce flexing when high down-force is applied
- All rams now have honed cylinders for smooth operation
- Common ram piston assemblies easier to assemble
- Non-round piston prevents twisting



Product Structure - Pumps



- New 60cc lower
- New small NXT air motors to replace Monark & President
- Existing 100cc & 200cc Check-Mate's also available

Air Motor Dia. (in)	Pump Displacement (cc)		Ratio (x:1)
2.5	60		5
3.5			11
4.5			20
6			38
7.5		↓	61



Product Structure – Air Motors



- Five new air motor sizes
- Replace Monark & President for SAE applications
- New motors have 2.5" stroke
- Similar construction to NXT's & Merkur's



Product Structure - Lowers



- New 60cc Check-Mate
- 100cc now available in Stainless Steel
- 100cc & 200cc still available
- 60cc Check-Mate shares components with 100cc



Product Structure - Platens



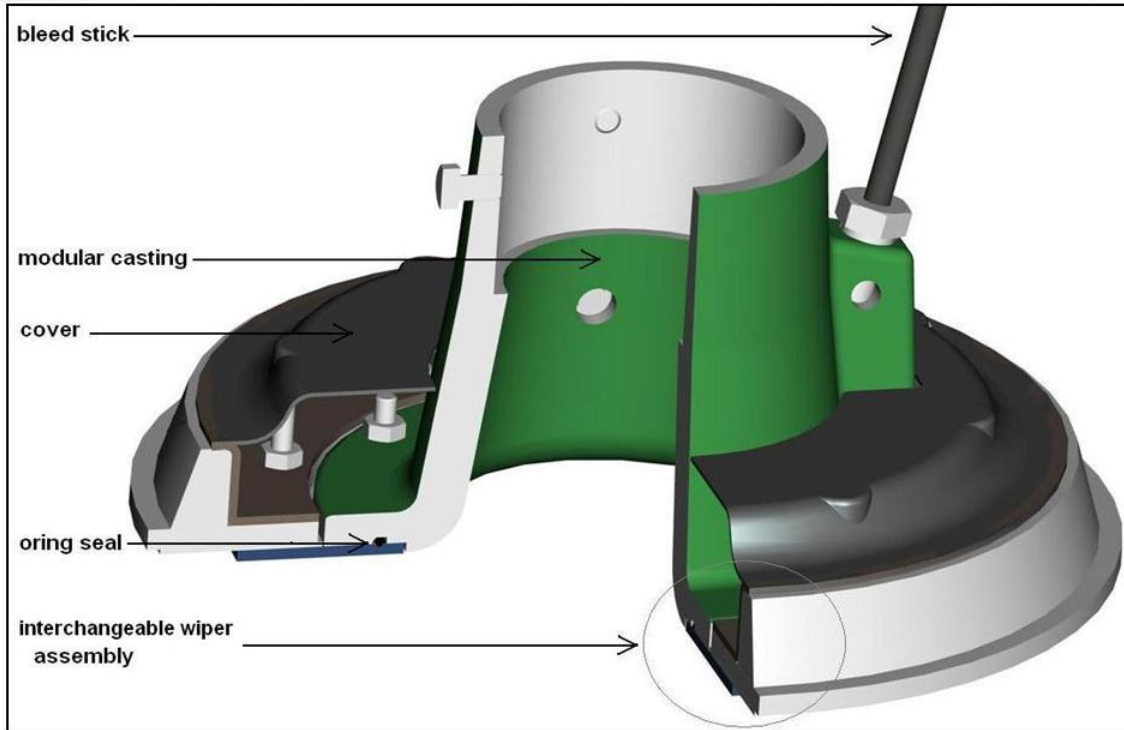
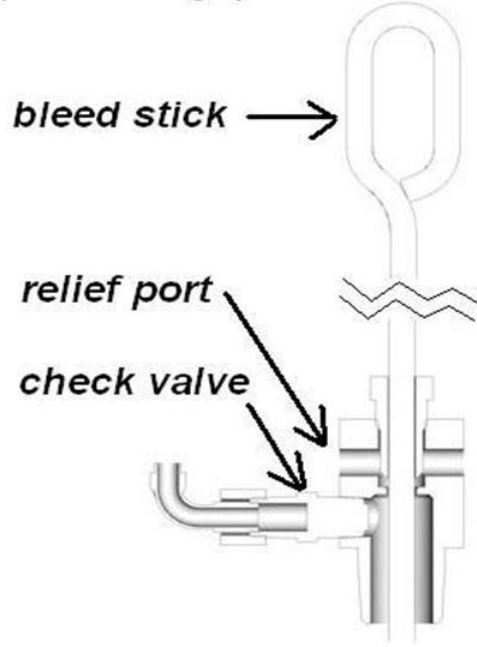
- Modular design
- New 50/60 liter size
- Stainless option on all sizes
- Flat wiper on all sizes
- New polyurethane flat wiper
- New dual flat wipers



Wiper Style	PTFE coated	Nitrile	Polyurethane	Platen Size (Liters)
Flat	X	X	X	20, 30, 50/60
Dual Flat		X	X	30, 50/60

Product Design - Platens

(new design)



- **Modular design reduces parts, improves maintenance, and allows us to offer many different platen sizes and types**
- **New check valve eliminates dead-space, reduces parts, and uses a piston-style check valve to reduce the possibility of clogging**

- **Non-Automotive examples**
 - **Construction**
 - **Window/Door**
 - Silicone & Urethane (Window secondary seal)
 - **Energy**
 - **Solar**
 - Silicone (Secondary seal) & Epoxies (J-box bonding/potting)
 - **General Industry**
 - **MMD Feed**
 - Sporting goods
 - » Epoxies (Golf club assembly)
 - Gasketing
 - » Silicones (Engine gasketing)
 - Electronics
 - » Filled silicones (Cavity potting)