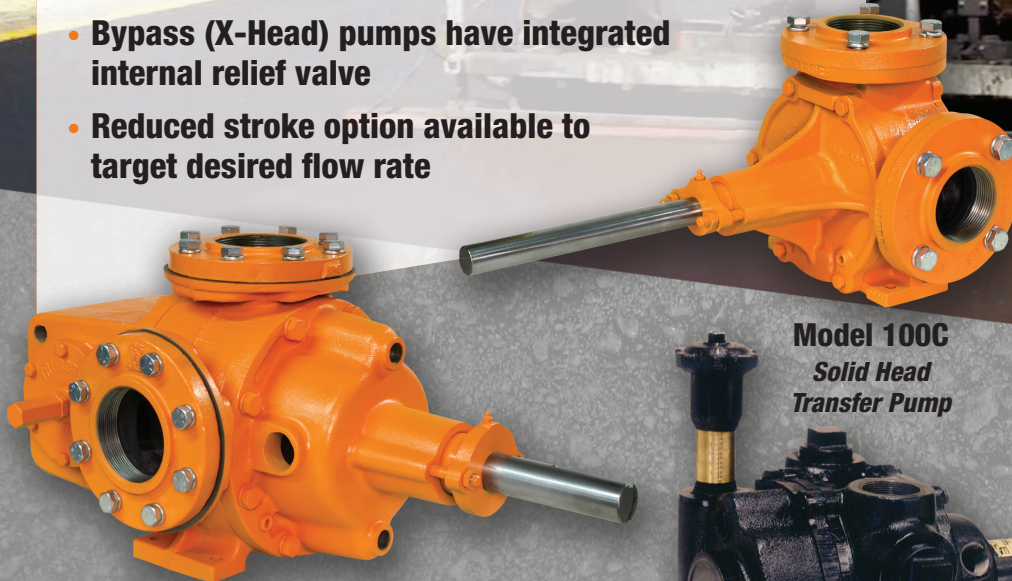


Tri-Rotor® has been designing pumps for demanding Asphalt applications for over 80 years.

Advantages:

- Positive displacement rotary piston design gentler on product than gear pumps
- All pumps engineered for your specific application
- Heavy duty cast iron design
- Flow rates to 240 GPM
- Temperature rating to 500 °F (260 °C)
- Viscosities to 5,000,000 SSU
- Oversized jacketed head and/or shaft housing available for all models
- Zero-leak packing standard for leak-free operation
- Flow rate of unique variable volume (V-Head) pumps adjustable from 0 to 100%, even when pump is running
- Bypass (X-Head) pumps have integrated internal relief valve
- Reduced stroke option available to target desired flow rate



Model 200AX
Jacketed Pump with
Bypass Head

Model 80BV
Jacketed Pump with
Variable Volume "V-Head"

Model 100C
Solid Head
Transfer Pump



Tri-Rotor® Pump Features:

Adjustable Flow Options...
without need to change motor speed

Energy Efficient...
*two double-acting pistons
and overlapping strokes*

Handles All Viscosities...
from 40 to 5,000,000 SSU and higher

Long Service Life...
minimum maintenance required

Low Noise...
*liquid-tight internal parts
are not in contact*

Low Shear...
*will not chew, aerate, or
foam the material*

Simple Operation...
just three moving parts

80 SERIES



Model 80B

- 80B, 80BX, and 80BV models available
- CW or CCW rotation
- (4) 2" NPT Ports for installation flexibility
- Side or top suction / side or top discharge
- 0.148 Gal/Rev

100 SERIES



Model 100CV

- 100C, 100CX, and 100CV models available
- CW or CCW rotation
- 3" flanged side suction and top discharge ports
- 0.148 Gal/Rev

120 SERIES



Model 120AV

- 120A, 120AX, and 120AV models available
- CW or CCW rotation
- 4" flanged top suction and 3" flanged side discharge ports
- 0.148 Gal/Rev

200 SERIES 220 SERIES



Model 220TX

- 200A, 200AX, 200AV, 220T, 220TX, and 220TV models available
- CW or CCW rotation
- 4" flanged ports
- Side suction / top discharge for Series 200
- Top suction / side discharge for Series 220
- 0.465 Gal/Rev

SSU/cP
40 / 4
100 / 20
400 / 78
600 / 125
800 / 165
1,000 / 200
1,600 / 335
2,000 / 410
3,000 / 620
5,000 / 1,060
8,000 / 1,700
9,000 / 1,900

RPM	GPM	Suction
600	88	2"
600	88	2"
590	87	2"
588	86	2"
570	84	2"
560	83	2"
540	80	2½"
530	79	2½"
510	75	2½"
470	70	2½"
440	65	2½"
420	62	2½"

RPM	GPM	Suction
690	102	3"
690	102	3"
690	102	3"
685	101	3"
680	100	3"
670	99	3"
650	96	3"
640	95	3"
580	85	3"
530	78	3"
470	70	3"
450	67	3"

RPM	GPM	Suction
Designed specially for handling viscous and semi-solid pumpages		
RPM	GPM	Suction
610	90	4"
570	84	4"
540	80	4"
520	77	4"

RPM	GPM	Suction
520	240	4"
520	240	4"
445	205	4"
435	202	4"
430	200	4"
425	197	4"
410	190	4"
405	188	4"
390	181	4"
370	172	4"
345	160	4"
335	156	4"

For Viscosities Below, Pump Must Have Relieved Rotor Group

10,000 / 2,150
15,000 / 3,100
20,000 / 4,200
30,000 / 6,500
40,000 / 8,610
50,000 / 10,800
75,000 / 16,210
100,000 / 21,625

RPM	GPM	Suction
410	61	3"
370	55	3"
330	49	3"
280	41	4"
230	34	4"
190	28	4"
130	19	4"
100	15	4"

RPM	GPM	Suction
430	64	3"
410	61	3"
380	56	4"
340	50	4"
300	44	4"
250	37	4"
170	25	4"
125	19	4"

RPM	GPM	Suction
500	74	4"
470	70	4"
440	65	4"
380	58	4"
330	49	4"
280	41	4"
200	30	4"
150	22	4"

RPM	GPM	Suction
330	153	4"
300	140	4"
275	128	4"
255	118	6"
210	98	6"
185	86	6"
150	70	6"
125	58	6"

Consult manufacturer for higher viscosities

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