

Specifications

	7020 (2WD), 7040 (4WD)	8020 (2WD), 8040 (4WD)	9020 (2WD), 9040 (4WD)																																																																																																									
ENGINE	4-cyl. diesel, water cooled, turbocharged, wet sleeves	4-cyl. diesel, water cooled, turbocharged, wet sleeves	4-cyl. diesel, water cooled, turbocharged, wet sleeves																																																																																																									
Engine capacity	254 cu.in	254 cu.in	254 cu.in																																																																																																									
Maximum engine horsepower - gross/ NET/ PTO	70/ 67/ 63	82/ 78/ 73	93/ 87/ 81																																																																																																									
Rated engine speed	2200 rpm	2200 rpm	2200 rpm																																																																																																									
Air compressor capacity	6CFM @ 85 PSI	6CFM @ 85 PSI	6CFM @ 85 PSI																																																																																																									
<i>Note: Air compressor in open station tractors is optional equipment.</i>																																																																																																												
Alternator capacity - cab models	12 Volt, 95 Amp	12 Volt, 95 Amp	12 Volt, 95 Amp																																																																																																									
Alternator capacity - open station models	12 Volt, 55 Amp	12 Volt, 55 Amp	12 Volt, 55 Amp																																																																																																									
Battery capacity	950 CCA	950 CCA	950 CCA																																																																																																									
Fuel tank capacity - cab models	34 gal	34 gal	40 gal																																																																																																									
Fuel tank capacity - open station models	22 gal	22 gal	22 gal																																																																																																									
Oil change & service intervals	500 hours	500 hours	500 hours																																																																																																									
CLUTCH	dual-purpose	dual-purpose	dual-purpose																																																																																																									
Clutch diameter	12 in, cerametallic lining	12 in, cerametallic lining	12 in, cerametallic lining																																																																																																									
Clutch control	hydraulic, self-adjusting	hydraulic, self-adjusting	hydraulic, self-adjusting																																																																																																									
TRANSMISSION	fully synchronized	fully synchronized	fully synchronized																																																																																																									
Forward/reverse gears	12/12	12/12	12/12																																																																																																									
Synchronized mechanical shuttle	standard	standard	standard																																																																																																									
SPEEDS (mph) (At 2,200 Engine rpm) <i>Speeds shown are for tractors equipped with rear tires 16.9-34. Add 4% for tires 18.4R-34. Deduct 4% for tires 16.9-30. Deduct 13% for tires 19.5L-24.</i>	<table border="1"> <thead> <tr> <th colspan="4">REGULAR SPEED TRANSMISSION</th> <th colspan="4">HIGH SPEED TRANSMISSION</th> </tr> <tr> <th>Forward</th> <th>Low</th> <th>High</th> <th>Reverse</th> <th>Low</th> <th>High</th> <th>Forward</th> <th>Low</th> <th>High</th> <th>Reverse</th> <th>Low</th> <th>High</th> </tr> <tr> <th>Gear</th> <th>Range</th> <th>Range</th> <th>Gear</th> <th>Range</th> <th>Range</th> <th>Gear</th> <th>Range</th> <th>Range</th> <th>Gear</th> <th>Range</th> <th>Range</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>0,80</td> <td>3,15</td> <td>1R</td> <td>0,87</td> <td>3,44</td> <td>1</td> <td>0,96</td> <td>3,81</td> <td>1R</td> <td>1,05</td> <td>4,16</td> </tr> <tr> <td>2</td> <td>1,03</td> <td>4,05</td> <td>2R</td> <td>1,12</td> <td>4,42</td> <td>2</td> <td>1,24</td> <td>4,90</td> <td>2R</td> <td>1,36</td> <td>5,35</td> </tr> <tr> <td>3</td> <td>1,46</td> <td>5,76</td> <td>3R</td> <td>1,60</td> <td>6,30</td> <td>3</td> <td>1,77</td> <td>6,98</td> <td>3R</td> <td>1,93</td> <td>7,62</td> </tr> <tr> <td>4</td> <td>2,06</td> <td>8,15</td> <td>4R</td> <td>2,26</td> <td>8,90</td> <td>4</td> <td>2,50</td> <td>9,86</td> <td>4R</td> <td>2,73</td> <td>10,77</td> </tr> <tr> <td>5</td> <td>3,27</td> <td>12,89</td> <td>5R</td> <td>3,57</td> <td>14,09</td> <td>5</td> <td>3,95</td> <td>15,60</td> <td>5R</td> <td>4,32</td> <td>17,05</td> </tr> <tr> <td>6</td> <td>4,70</td> <td>18,54</td> <td>6R</td> <td>5,13</td> <td>20,26</td> <td>6</td> <td>5,68</td> <td>22,43</td> <td>6R</td> <td>6,21</td> <td>24,52</td> </tr> </tbody> </table>		REGULAR SPEED TRANSMISSION				HIGH SPEED TRANSMISSION				Forward	Low	High	Reverse	Low	High	Forward	Low	High	Reverse	Low	High	Gear	Range	Range	Gear	Range	Range	Gear	Range	Range	Gear	Range	Range	1	0,80	3,15	1R	0,87	3,44	1	0,96	3,81	1R	1,05	4,16	2	1,03	4,05	2R	1,12	4,42	2	1,24	4,90	2R	1,36	5,35	3	1,46	5,76	3R	1,60	6,30	3	1,77	6,98	3R	1,93	7,62	4	2,06	8,15	4R	2,26	8,90	4	2,50	9,86	4R	2,73	10,77	5	3,27	12,89	5R	3,57	14,09	5	3,95	15,60	5R	4,32	17,05	6	4,70	18,54	6R	5,13	20,26	6	5,68	22,43	6R	6,21	24,52	<p><i>Note: Optional creeper transmission reduces the above speed in each gear by 10:1 ratio. Creeper transmission cannot be combined with shuttle transmission</i></p>	
REGULAR SPEED TRANSMISSION				HIGH SPEED TRANSMISSION																																																																																																								
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P.T.O. SHAFT	independent, 540 rpm	independent, 540 rpm	independent, 540 rpm																																																																																																									
Ground speed PTO	standard	standard	standard																																																																																																									
BRAKES	wet disc brakes	wet disc brakes	wet disc brakes																																																																																																									
	models with high speed transmission also have wet disc brakes in front axle	models with high speed transmission also have wet disc brakes in front axle	models with high speed transmission also have wet disc brakes in front axle																																																																																																									
Service brake control	hydraulic	hydraulic	hydraulic																																																																																																									
Parking brake control	mechanical	mechanical	mechanical																																																																																																									
STEERING	hydrostatic	hydrostatic	hydrostatic																																																																																																									
HYDRAULIC SYSTEM	open center	open center	open center																																																																																																									
Flow @ pressure at remotes	14 gpm @ 2900 psi (17 gpm optional)	14 gpm @ 2900 psi (17 gpm optional)	14 gpm @ 2900 psi (17 gpm optional)																																																																																																									
Total hydraulic flow	20 gpm	20 gpm	20 gpm																																																																																																									
Three point hitch	Category I - II	Category I - II	Category I - II																																																																																																									
Function	position, draft, mixed	position, draft, mixed	position, draft, mixed																																																																																																									
Lifting force at the end of lower links	7600 lbs (5200 lbs on open station models 7020)	7600 lbs 9150 lbs optional)	7600 lbs (9150 lbs optional)																																																																																																									
Remote outlets - cab models	1 set standard, 3 sets optional	3 sets standard	3 sets standard																																																																																																									
Remote outlets - open station models	1 set standard, 3 sets optional	1 set standard, 3 sets optional	1 set standard, 3 sets optional																																																																																																									
TIRES	9.00-16	9.00-16	9.00-16																																																																																																									
Front: 2WD models	11.2-24; 12.5/80-18 industrial tires	11.2-24; 12.4-24; 13.6R-24; 12.5/80-18 industrial tires	12.4-24, 13.6R-24; 12.5/80-18 industrial tires																																																																																																									
4WD models																																																																																																												
Rear:	16.9-30; 19.5L-24 industrial tires	16.9-30; 16.9-34; 18.4R-34; 19.5L-24 industrial tires	16.9-34; 18.4R-34; 19.5L-24 industrial tires																																																																																																									

Specifications

MAIN DIMENSIONS

	7020 (2WD), 7040 (4WD)	8020 (2WD), 8040 (4WD)	9020 (2WD), 9040 (4WD)
Wheelbase 2WD/4WD	91 in/ 89 in	91 in/ 89 in	91 in/ 89 in
Length	152 in	152 in	152 in
Minimum width (for rear wheel track 56 in)	73 in	73 in	73 in
Height with ROPS raised/folded	103 in/ 83 in (for tires 16.9-30) 101 in/ 81 in (for tires 19.5L-24)	105 in/ 85 in (for tires 16.9-34) 101 in/ 81 in (for tires 19.5L-24)	105 in/ 85 in (for tires 16.9-34) 101 in/ 81 in (for tires 19.5L-24)
Height with cab	103 in (for tires 11.2-24 & 16.9-30) 100 in (for tires 12.5-18 & 19.5L-24)	105 in (for tires 12.4-24 & 16.9-34) 100 in (for tires 12.5-18 & 19.5L-24)	105 in (for tires 12.4-24 & 16.9-34) 100 in (for tires 12.5-18 & 19.5L-24)
Ground clearance	22 in (2WD), 16 in (4WD) (for tires 11.2-24 & 16.9-30)	22 in (2WD), 17 in (4WD) (for tires 12.4-24 & 16.9-34)	22 in (2WD), 17 in (4WD) (for tires 12.4-24 & 16.9-34)
Wheel track: 2WD tractors 4WD tractors	56-75 in (front); 56-71 in (rear) 59-77 in (front); 56-71 in (rear)	56-75 in (front); 56-71 in (rear) 59-77 in (front); 56-71 in (rear)	56-75 in (front); 56-71 in (rear) 59-77 in (front); 56-71 in (rear)
Turning radius 2WD/4WD	11 ft/12 ft	11 ft/12 ft	11 ft/12 ft
Weight with cab, w/o weights (Deduct 500 lbs w/o cab)	7390 lbs (2WD) 8190 lbs (4WD)	7540 lbs (2WD) 8340 lbs (4WD)	7590 lbs (2WD) 8390 lbs (4WD)

STANDARD EQUIPMENT:

Open Station Models:

Horizontal exhaust; Differential lock with mechanical engagement; Limited slip front differential (4WD models); Ground speed PTO; Telescopic sway bars; Telescopic lower links; One set of remote hydraulic outlets; Deluxe seat with three-way adjustment and arm rests; Folding ROPS; Four halogen head lights and one halogen rear work light; Tool box; Tilt/telescoping steering wheel (except open station models 7020); Front fenders, reinforced rubber (standard on models 8020, 8040, 9020, 9040)

Cab Models:

Differential lock with mechanical engagement; Limited slip front differential (4WD models); Ground speed PTO; Telescopic sway bars; Telescopic or hook-style lower links; One set of remote hydraulic outlets (models 7020, 7040); Three sets of remote hydraulic outlets (models 8020, 8040, 9020, 9040); Deluxe seat with three-way adjustment and arm rests; Tinted windows; Front and rear wipers; Windshield washer; Air conditioning; Four or six front and three rear halogen lights (depending on model); Tool box; Tilt/telescoping steering wheel; Speakers and antenna for radio installation (radio not included); Front fenders, reinforced rubber (standard on models 8020, 8040, 9020, 9040)

OPTIONS:

Air compressor; Front and rear weights; Block heater; Creeper transmission (cannot be combined with shuttle transmission); Front PTO and front 3point hitch; 2nd & 3rd set of remote hydraulic outlets (on models not so equipped as standard equipment); Front fenders, reinforced rubber (standard on models 8020, 8040, 9020, 9040); Instructional seat (cab models only)

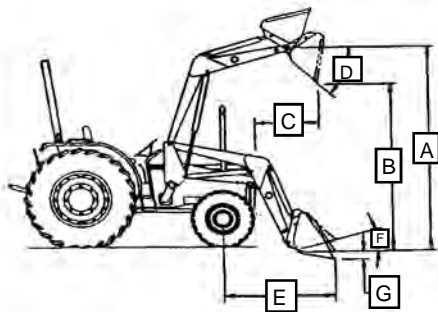
ZETOR System 120K/ 120SLi

Front End Loaders

Description and applicability:

Zetor system 120K: Economical high capacity, heavy-duty, quick-attach compact low profile front loader. Recommended for all Silver Series models.

Zetor system 120SLi: Advanced high capacity, heavy-duty, quick-attach low profile front loader with self-leveling. Recommended for all Silver Series models.



LOADER MODEL:	120K	120SLi
Mechanical self-leveling	NO	YES
A Maximum Lift Height (in)	130	139
B Clearance with Bucket Dumped (in)	121	100
C Reach at Maximum Height (in)	23	28
D Maximum Dump Angle (deg)	40	70
E Reach on Ground (in)	73	92
F Bucket Rollback Angle (deg)	15	45
G Digging Depth (in)	5	6

Specifications measured for tire size: Front: 13.6R-24; Rear: 18.4R-34

The loader hydraulic system is connected directly to tractor pump and does not use remote outlets.

Specifications subject to change without notice and without incurring obligation on behalf of Zetor.

LOADER MODEL:	120K	120SLi
Lift Capacity to Full Height (lb)		
- at pivot points (loader w/o bucket)	4600	3600
- 31.5" ahead of pivot (with bucket attached)	2600	2400
Breakout Force (lb)		
- at pivot points (loader w/o bucket)	5800	5000
- 31.5" ahead of pivot (with bucket attached)	3600	3800
Raising Time w/14 gpm pump (sec)	4,5	5
Bucket dump time (sec)	4,5	3,5
Bucket rollback time (sec)	3	3,5
Weight with 73" bucket (lb)	2150	2750

Model 120SLi is also available with larger lift cylinders. This raises all lift capacities by 30%, but slows raising time to 6.5 sec.