

Specifications

	9050 (4WD)	10050 (4WD)	11050 (4WD)	12050 (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	4-cyl. diesel, water cooled, turbocharged, wet sleeves																																																																																																																																																								
Engine capacity	254 cu.in	254 cu.in	254 cu.in	254 cu.in																																																																																																																																																								
Max. engine horsepower gross/ NET/ PTO	93/ 89/ 83	100/ 96/ 89	107/101/94	120/114/104																																																																																																																																																								
Rated engine speed	2200 rpm	2200 rpm	2200 rpm	2200 rpm																																																																																																																																																								
Air compressor capacity	6CFM @ 85 PSI	6CFM @ 85 PSI	6CFM @ 85 PSI	6CFM @ 85 PSI																																																																																																																																																								
Alternator capacity	12 Volt, 95 Amp	12 Volt, 95 Amp	12 Volt, 95 Amp	12 Volt, 95 Amp																																																																																																																																																								
Battery capacity	950 CCA	950 CCA	950 CCA	950 CCA																																																																																																																																																								
Fuel tank capacity	40 gal (48 gal with power shuttle)	40 gal (48 gal with power shuttle)	40 gal (48 gal with power shuttle)	48 gal																																																																																																																																																								
Oil change & service intervals	500 hours	500 hours	500 hours	500 hours																																																																																																																																																								
ENGINE CLUTCH-tractors with mechanical shuttle	dry, 12in., cerametallic lining, hydraulic control	dry, 12in., cerametallic lining, hydraulic control	dry, 12in., cerametallic lining, hydraulic control	N/A																																																																																																																																																								
ENGINE CLUTCH-tractors with power shuttle	multi-plate wet clutch	multi-plate wet clutch	multi-plate wet clutch	multi-plate wet clutch																																																																																																																																																								
TRANSMISSION-tractors with mechanical shuttle	fully synchronized with two-stage power shift and synchro shuttle; 16 forward and 16 reverse speeds	fully synchronized with two-stage power shift and synchro shuttle; 16 forward and 16 reverse speeds	fully synchronized with two-stage power shift and synchro shuttle; 16 forward and 16 reverse speeds	N/A																																																																																																																																																								
TRANSMISSION-tractors with power shuttle	fully synchronized with three-stage power shift and power shuttle; 24 forward and 24 reverse speeds	fully synchronized with three-stage power shift and power shuttle; 24 forward and 24 reverse speeds	fully synchronized with three-stage power shift and power shuttle; 24 forward and 24 reverse speeds	fully synchronized with three-stage power shift and power shuttle; 24 forward and 24 reverse speeds																																																																																																																																																								
TRACTOR SPEEDS (mph)	<p>Tractors with mechanical shuttle</p> <table border="1"> <thead> <tr> <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> </tr> </thead> <tbody> <tr> <td>1</td> <td>1,31</td> <td>5,19</td> <td>1R</td> <td>1,39</td> <td>5,52</td> </tr> <tr> <td>2</td> <td>1,71</td> <td>6,73</td> <td>2R</td> <td>1,81</td> <td>7,16</td> </tr> <tr> <td>3</td> <td>1,96</td> <td>7,73</td> <td>3R</td> <td>2,08</td> <td>8,22</td> </tr> <tr> <td>4</td> <td>2,52</td> <td>9,95</td> <td>4R</td> <td>2,68</td> <td>10,57</td> </tr> <tr> <td>5</td> <td>3,12</td> <td>12,32</td> <td>5R</td> <td>3,32</td> <td>13,11</td> </tr> <tr> <td>6</td> <td>4,06</td> <td>16,00</td> <td>6R</td> <td>4,31</td> <td>17,02</td> </tr> <tr> <td>7</td> <td>4,54</td> <td>17,94</td> <td>7R</td> <td>4,83</td> <td>19,09</td> </tr> <tr> <td>8</td> <td>5,86</td> <td>23,13</td> <td>8R</td> <td>6,22</td> <td>24,56</td> </tr> </tbody> </table> <p>Tractors with power shuttle</p> <table border="1"> <thead> <tr> <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> </tr> </thead> <tbody> <tr> <td>1</td> <td>1,27</td> <td>5,00</td> <td>1R</td> <td>1,34</td> <td>5,31</td> </tr> <tr> <td>2</td> <td>1,47</td> <td>5,79</td> <td>2R</td> <td>1,56</td> <td>6,15</td> </tr> <tr> <td>3</td> <td>1,70</td> <td>6,72</td> <td>3R</td> <td>1,81</td> <td>7,13</td> </tr> <tr> <td>4</td> <td>1,87</td> <td>7,40</td> <td>4R</td> <td>1,99</td> <td>7,86</td> </tr> <tr> <td>5</td> <td>2,17</td> <td>8,58</td> <td>5R</td> <td>2,31</td> <td>9,11</td> </tr> <tr> <td>6</td> <td>2,52</td> <td>9,95</td> <td>6R</td> <td>2,68</td> <td>10,57</td> </tr> <tr> <td>7</td> <td>3,01</td> <td>11,88</td> <td>7R</td> <td>3,19</td> <td>12,61</td> </tr> <tr> <td>8</td> <td>3,48</td> <td>13,74</td> <td>8R</td> <td>3,70</td> <td>14,59</td> </tr> <tr> <td>9</td> <td>4,03</td> <td>15,92</td> <td>9R</td> <td>4,28</td> <td>16,90</td> </tr> <tr> <td>10</td> <td>4,38</td> <td>17,29</td> <td>10R</td> <td>4,65</td> <td>18,36</td> </tr> <tr> <td>11</td> <td>5,06</td> <td>19,96</td> <td>11R</td> <td>5,37</td> <td>21,20</td> </tr> <tr> <td>12</td> <td>5,86</td> <td>23,13</td> <td>12R</td> <td>6,22</td> <td>24,56</td> </tr> </tbody> </table> <p><i>Speeds shown are for engine speed 2,200 rpm and for tractors equipped with rear tires 18.4R-34.</i></p> <p><i>Speeds shown are for high-speed transmission. Deduct 17% for regular speed transmission.</i></p>												Forward	Low	High	Reverse	Low	High	Gear	Range	Range	Gear	Range	Range	1	1,31	5,19	1R	1,39	5,52	2	1,71	6,73	2R	1,81	7,16	3	1,96	7,73	3R	2,08	8,22	4	2,52	9,95	4R	2,68	10,57	5	3,12	12,32	5R	3,32	13,11	6	4,06	16,00	6R	4,31	17,02	7	4,54	17,94	7R	4,83	19,09	8	5,86	23,13	8R	6,22	24,56	Forward	Low	High	Reverse	Low	High	Gear	Range	Range	Gear	Range	Range	1	1,27	5,00	1R	1,34	5,31	2	1,47	5,79	2R	1,56	6,15	3	1,70	6,72	3R	1,81	7,13	4	1,87	7,40	4R	1,99	7,86	5	2,17	8,58	5R	2,31	9,11	6	2,52	9,95	6R	2,68	10,57	7	3,01	11,88	7R	3,19	12,61	8	3,48	13,74	8R	3,70	14,59	9	4,03	15,92	9R	4,28	16,90	10	4,38	17,29	10R	4,65	18,36	11	5,06	19,96	11R	5,37	21,20	12	5,86	23,13	12R	6,22	24,56
Forward	Low	High	Reverse	Low	High																																																																																																																																																							
Gear	Range	Range	Gear	Range	Range																																																																																																																																																							
1	1,31	5,19	1R	1,39	5,52																																																																																																																																																							
2	1,71	6,73	2R	1,81	7,16																																																																																																																																																							
3	1,96	7,73	3R	2,08	8,22																																																																																																																																																							
4	2,52	9,95	4R	2,68	10,57																																																																																																																																																							
5	3,12	12,32	5R	3,32	13,11																																																																																																																																																							
6	4,06	16,00	6R	4,31	17,02																																																																																																																																																							
7	4,54	17,94	7R	4,83	19,09																																																																																																																																																							
8	5,86	23,13	8R	6,22	24,56																																																																																																																																																							
Forward	Low	High	Reverse	Low	High																																																																																																																																																							
Gear	Range	Range	Gear	Range	Range																																																																																																																																																							
1	1,27	5,00	1R	1,34	5,31																																																																																																																																																							
2	1,47	5,79	2R	1,56	6,15																																																																																																																																																							
3	1,70	6,72	3R	1,81	7,13																																																																																																																																																							
4	1,87	7,40	4R	1,99	7,86																																																																																																																																																							
5	2,17	8,58	5R	2,31	9,11																																																																																																																																																							
6	2,52	9,95	6R	2,68	10,57																																																																																																																																																							
7	3,01	11,88	7R	3,19	12,61																																																																																																																																																							
8	3,48	13,74	8R	3,70	14,59																																																																																																																																																							
9	4,03	15,92	9R	4,28	16,90																																																																																																																																																							
10	4,38	17,29	10R	4,65	18,36																																																																																																																																																							
11	5,06	19,96	11R	5,37	21,20																																																																																																																																																							
12	5,86	23,13	12R	6,22	24,56																																																																																																																																																							
P.T.O. SHAFT	independent, 540/ 1000 rpm	independent, 540/ 1000 rpm	independent, 540/ 1000 rpm	independent, 540/ 1000 rpm																																																																																																																																																								
P.T.O. clutch controls	electro-hydraulic	electro-hydraulic	electro-hydraulic	electro-hydraulic																																																																																																																																																								
Ground speed PTO	standard	standard	standard	standard																																																																																																																																																								
BRAKES	wet disc 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	models with high speed transmission also have wet disc brakes in front axle																																																																																																																																																								
Service brake control	hydraulic	hydraulic	hydraulic	hydraulic																																																																																																																																																								

Specifications

	9050 (4WD)	10050 (4WD)	11050 (4WD)	12050 (4WD)
HYDRAULIC SYSTEM				
Flow @ pressure at remotes	open center 14 gpm @ 2900 psi	open center 14 gpm @ 2900 psi	open center 14 gpm @ 2900 psi	open center 14 gpm @ 2900 psi
Total hydraulic flow	20 gpm	20 gpm	20 gpm	20 gpm
Three point hitch	Category I - II	Category I - II	Category I - II	Category I - II
Function	position, draft, mixed	position, draft, mixed	position, draft, mixed	position, draft, mixed
Lifting force at the end of lower links	7600 lbs (9150 lbs optional)	7600 lbs (9150 lbs optional)	7600 lbs (9150 lbs optional)	7600 lbs (9150 lbs optional)
Remote outlets	3 sets standard, all with float; one set with detented spool with automatic pressure release; one port with check valve for maximum tightness	3 sets standard, all with float; one set with detented spool with automatic pressure release; one port with check valve for maximum tightness	3 sets standard, all with float; one set with detented spool with automatic pressure release; one port with check valve for maximum tightness	3 sets standard, all with float; one set with detented spool with automatic pressure release; one port with check valve for maximum tightness
TIRES Front/ Rear	13.6R-24/ 18.4R-34 Other tire sizes available.	13.6R-24/ 18.4R-34 Other tire sizes available.	13.6R-24/ 18.4R-34 Other tire sizes available.	13.6R-24/ 18.4R-34 Other tire sizes available.
MAIN DIMENSIONS				
Wheelbase	92 in (96 in with power shuttle)	92 in (96 in with power shuttle)	92 in (96 in with power shuttle)	96 in
Length	153 in (157 in with power shuttle)	153 in (157 in with power shuttle)	153 in (157 in with power shuttle)	157 in
Width (for rear wheel track 59 in)	78 in	78 in	78 in	78 in
Height	106 in	106 in	106 in	106 in
Ground clearance	18 in	18 in	18 in	18 in
Wheel track	59-77 in (front); 59-71 in (rear)	59-77 in (front); 59-71 in (rear)	59-77 in (front); 59-71 in (rear)	59-77 in (front); 59-71 in (rear)
Turning radius (w/o use of brakes)	12 ft	12 ft	12 ft	12 ft
Weight	8550 lbs (with mechanical shuttle) 8980 lbs (with power shuttle)	8570 lbs (with mechanical shuttle) 9000 lbs (with power shuttle)	8600 lbs (with mechanical shuttle) 9030 lbs (with power shuttle)	9045 lbs

STANDARD EQUIPMENT:

Air compressor and tire inflator; Electric rear differential lock and front wheel drive engagement; Limited slip front differential; Ground speed PTO; Telescopic sway bars; Telescopic or hook-style lower links; Three sets of remote hydraulic outlets; Deluxe seat with ten-way adjustment, swivel motion and arm rests; Tinted windows; Front and rear wipers; Windshield washer; Air conditioning; Six front and three rear halogen lights; Tool box; Tilt/telescoping steering wheel; Speakers and antenna for radio installation (radio not included); Front fenders, reinforced rubber front and rear weights; Block heater; Front PTO and front 3point hitch; Instructional seat



Optional foldable instructional seat

OPTIONS:

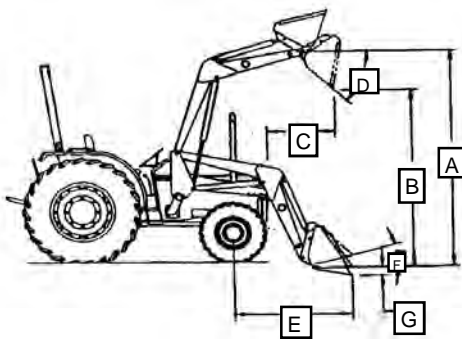
ZETOR System 120K/120SLi

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

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

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

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.