

# Specifications

	PROXIMA 70	PROXIMA 85	PROXIMA 100																																																																																																												
<b>ENGINE</b>	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	85/ 81/ 76	100/ 96/ 89																																																																																																												
Rated engine speed	2200 rpm	2200 rpm	2200 rpm																																																																																																												
Air compressor capacity	6CFM @ 85 PSI	6CFM @ 85 PSI	6CFM @ 85 PSI																																																																																																												
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																																																																																																												
<b>CLUTCH</b>	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																																																																																																												
<b>TRANSMISSION</b>	fully synchronized	fully synchronized	fully synchronized																																																																																																												
Forward/reverse gears	12/12	12/12	12/12																																																																																																												
Synchronized mechanical shuttle	standard	standard	standard																																																																																																												
<b>SPEEDS (mph)</b> (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="3">REGULAR SPEED TRANSMISSION</th> <th colspan="3">HIGH SPEED TRANSMISSION</th> </tr> <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>0.80</td> <td>3.15</td> <td>1R</td> <td>0.87</td> <td>3.44</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> </tr> <tr> <td>3</td> <td>1.46</td> <td>5.76</td> <td>3R</td> <td>1.60</td> <td>6.30</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> </tr> <tr> <td>5</td> <td>3.27</td> <td>12.89</td> <td>5R</td> <td>3.57</td> <td>14.09</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> </tr> </tbody> </table>						REGULAR SPEED TRANSMISSION			HIGH SPEED TRANSMISSION			Forward	Low	High	Reverse	Low	High	Gear	Range	Range	Gear	Range	Range	1	0.80	3.15	1R	0.87	3.44	2	1.03	4.05	2R	1.12	4.42	3	1.46	5.76	3R	1.60	6.30	4	2.06	8.15	4R	2.26	8.90	5	3.27	12.89	5R	3.57	14.09	6	4.70	18.54	6R	5.13	20.26	<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>0.96</td> <td>3.81</td> <td>1R</td> <td>1.05</td> <td>4.16</td> </tr> <tr> <td>2</td> <td>1.24</td> <td>4.90</td> <td>2R</td> <td>1.36</td> <td>5.35</td> </tr> <tr> <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>2.50</td> <td>9.86</td> <td>4R</td> <td>2.73</td> <td>10.77</td> </tr> <tr> <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>5.68</td> <td>22.43</td> <td>6R</td> <td>6.21</td> <td>24.52</td> </tr> </tbody> </table>			Forward	Low	High	Reverse	Low	High	Gear	Range	Range	Gear	Range	Range	1	0.96	3.81	1R	1.05	4.16	2	1.24	4.90	2R	1.36	5.35	3	1.77	6.98	3R	1.93	7.62	4	2.50	9.86	4R	2.73	10.77	5	3.95	15.60	5R	4.32	17.05	6	5.68	22.43	6R	6.21	24.52
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	<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>																																																																																																														
<b>P.T.O. SHAFT</b>	independent, 540 rpm/ 750 rpm	independent, 540 rpm/ 750 rpm	independent, 540 rpm/ 750 rpm (540 rpm/ 1000 rpm available)																																																																																																												
Ground speed PTO	standard	standard	standard																																																																																																												
<b>BRAKES</b>	wet disc brakes	wet disc brakes	wet disc brakes																																																																																																												
Service brake control	hydraulic	hydraulic	hydraulic																																																																																																												
<b>STEERING</b>	hydrostatic	hydrostatic	hydrostatic																																																																																																												
<b>HYDRAULIC SYSTEM</b>	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 (23 gpm optional)	20 gpm (23 gpm optional)	20 gpm (23 gpm optional)																																																																																																												
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 - cab models	9300 lbs	9300 lbs	9300 lbs																																																																																																												
- open station models	5100 lbs (7100 or 9100 lbs optional)	5100 lbs (7100 or 9100 lbs optional)	5100 lbs (7100 or 9100 lbs optional)																																																																																																												
Remote outlets - cab models	1 set standard, 2 or 3 sets optional	1 set standard, 2 or 3 sets optional	1 set standard, 2 or 3 sets optional																																																																																																												
Remote outlets - open station models	1 set standard, 3 sets optional	1 set standard, 3 sets optional	1 set standard, 3 sets optional																																																																																																												
<b>TIRES</b>																																																																																																															
<b>Front:</b> 2WD models	9.00-16	9.00-16	N/A																																																																																																												
4WD 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	11.2-24; 12.4-24; 13.6R-24; 12.5/80-18 industrial tires																																																																																																												
<b>Rear:</b>	16.9-30; 19.5L-24 industrial tires	16.9-30; 16.9-34; 18.4R-34; 19.5L-24 industrial tires	16.9-30; 16.9-34; 18.4R-34; 19.5L-24 industrial tires																																																																																																												

## MAIN DIMENSIONS

Wheelbase 2WD/4WD	91 in/ 89 in	91 in/ 89 in	NA/ 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) 99 in/ 79 in (for tires 19.5L-24)	105 in/ 85 in (for tires 16.9-34) 99 in/ 79 in (for tires 19.5L-24)	105 in/ 85 in (for tires 16.9-34) 99 in/ 79 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	NA/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)	8410 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 or hook-style lower links; One set of remote hydraulic outlets; Deluxe seat with three-way adjustment and arm rests; Folding ROPS; Four haloge head lights and one halogen rear work light; Tool box; Tilt/telescoping steering wheel (except Proxima 70); Front fenders, reinforced rubber (except Proxima 70)

### Cab Models:

Air compressor; Differential lock and front wheel drive with electric engagement; Limited slip front differential (4WD models); Two-speed PTO 540/750; Ground speed PTO; Telescopic sway bars; Telescopic or hook-style lower links; One set of remote hydraulic outlets (model Proxima 70); Two or three sets of remote hydraulic outlets (all other models); External three-point hitch controls; Deluxe seat with three-way adjustment 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; CD radio with two speakers; Front fenders (except model Proxima 70)

## OPTIONS: \*

Front and rear weights; Block heater; Creeper transmission (cannot be combined with shuttle transmission); Front PTO and front 3point hitch; 2nd & 3rd set o remote hydraulic outlets (on models not so equipped as standard equipment); Front fenders for model 7040; Air ride seat; Instructional seat (cab models only)

*\*Contact your Zetor dealer for the latest standard and optional equipment*

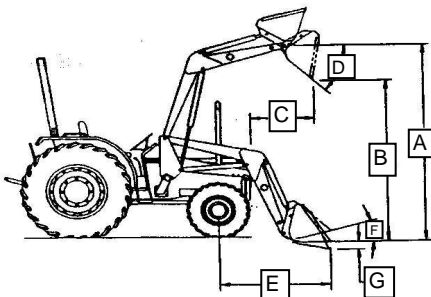
# ZETOR System 120K/ 120SLi

# Front End Loaders

Description and applicability:

Zetor system 120K: High capacity, heavy-duty, quick-attach low profile front loader. Recommended for all Proxima models.

Zetor system 120SLi: Advanced high capacity, heavy-duty, quick-attach low profile front loader with self-leveling. Recommended for all Proxima 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 increases all lift capacities by 30%, but slows raising time to 6.5 sec.