

Specifications

	PROXIMA 70	PROXIMA 85	PROXIMA 100																																																																																																												
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	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																																																																																																												
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="6">REGULAR SPEED TRANSMISSION</th> <th colspan="6">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> <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						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
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P.T.O. SHAFT	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																																																																																																												
BRAKES	wet disc brakes	wet disc brakes	wet disc brakes																																																																																																												
Service brake control	hydraulic	hydraulic	hydraulic																																																																																																												
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 (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																																																																																																												
TIRES																																																																																																															
Front: 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																																																																																																												
Rear:	16.9-30; 19.5L-24 industrial tires	16.9-30; 16.9-34; 18.4R-34; 19.5L-24 industrial tires	16.9-30; 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*

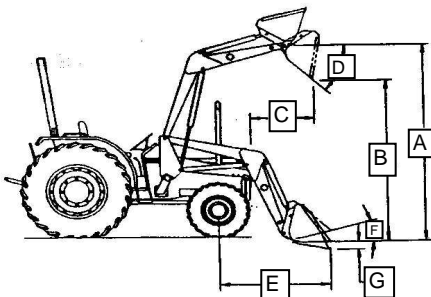
ZETOR System 120K/ 120SLi

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.