

Specifications

	PROXIMA POWER 90	PROXIMA POWER 100	PROXIMA POWER 110	PROXIMA POWER 120																																																																																																		
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	48 gal	48 gal	48 gal	48 gal																																																																																																		
Oil change & service intervals	500 hours	500 hours	500 hours	500 hours																																																																																																		
ENGINE CLUTCH	multi-plate wet clutch	multi-plate wet clutch	multi-plate wet clutch	multi-plate wet clutch																																																																																																		
TRANSMISSION	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)	<table border="1"> <thead> <tr> <th></th> <th>Forward</th> <th>Low</th> <th>High</th> <th>Reverse</th> <th>Low</th> <th>High</th> </tr> <tr> <th></th> <th>Gear</th> <th>Range</th> <th>Range</th> <th>Gear</th> <th>Range</th> <th>Range</th> </tr> </thead> <tbody> <tr> <td></td> <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></td> <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></td> <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></td> <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></td> <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></td> <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></td> <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></td> <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></td> <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></td> <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></td> <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></td> <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>					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
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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																																																																																																		
Service brake control	in front and rear axles hydraulic	in front and rear axles hydraulic	in front and rear axles hydraulic	in front and rear axles hydraulic																																																																																																		

Specifications

	PROXIMA POWER 90	PROXIMA POWER 100	PROXIMA POWER 110	PROXIMA POWER 120
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	7200 lbs or 9300 lbs	7200 lbs or 9300 lbs	7200 lbs or 9300 lbs	7200 lbs or 9300 lbs
Remote outlets	3 sets standard, all with float; one set with detented spool with automatic pressure release; two ports with check valves for maximum tightness	3 sets standard, all with float; one set with detented spool with automatic pressure release; two ports with check valves for maximum tightness	3 sets standard, all with float; one set with detented spool with automatic pressure release; two ports with check valves for maximum tightness	3 sets standard, all with float; one set with detented spool with automatic pressure release; two ports with check valves 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	96 in	96 in	96 in	96 in
Length	157 in	157 in	157 in	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	8980 lbs	9000 lbs	9030 lbs	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 Grammer seat with three-way adjustment; Tinted windows; Front and rear wipers; Windshield washer; Air conditioning; Eight front and three rear halogen lights; Heated mirrors and rear window; Tool box; Tilt/telescoping steering wheel; Digital display multi-function dashboard; Speakers and antenna for radio installation (radio not included); Front fenders

PIC 279

Optional foldable instructional seat

OPTIONS:

Front and rear weights; Block heater; Front PTO and front 3point hitch; Air-ride seat; Instructional seat

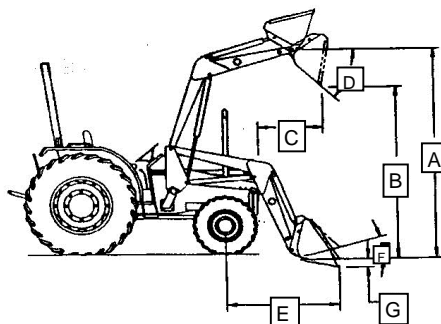
ZETOR System 120K/120SLi

Front End Loaders

Description and applicability:

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

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



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

LOADER MODEL:	120K	120SLi
Mechanical self-les	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.

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.