Clevis Rod
Mat'l: Thd. Rod & H.R. Flat
Quan. 1

Lever Arm Support
Mat'l: H.R. Flat
Quan. 1

Idler Adj.
Mat'l: Thd. Rod & H.R. Flat
Quan. 1
Sheet Mill Shield (20ga.)

P, B, C, #40 B-18

Roller Sprockets

#40 Roller Chain Drive Line

Sprockets (3)

40-B-10 Sprocket

Note: All Chain & Sprocket Drives To be Shielded
"A" Engine Mount

Slot, $\frac{1}{2}$ Wide

Slot, $\frac{3}{8}$ Wide

Mat'l: $1\frac{1}{2} \times 1\frac{1}{2} \times \frac{3}{16}$ Angle
Quan. 2

"D" Seedpan Bracket

Mat'l: $2 \times 2 \times \frac{1}{8}$ Angle
Quan. 1

"B" & "C"
Bearing Mounts

Slot, $\frac{3}{8}$ Wide

Mat'l: $2 \times 2 \times \frac{3}{16}$ Angle
Quan. = 4

"F" Brng. Mount

Drill, 6 places

Mat'l: $2 \times 2 \times \frac{3}{16}$ Angle
Quan. 2
Hopper
Matl.: 16Ga Stainless
Qty: 1; Weld all Seams

\begin{align*}
\angle &= 60^\circ \\
2 &= 2 \frac{1}{2} \\
4 \frac{1}{2} &= 14 \frac{1}{2} \\
2 &\quad 2 \frac{3}{8} \\
1 \frac{1}{2} &\quad 4 \frac{1}{2}
\end{align*}
Hinge Pin

Material: 1/2" Pipe
Quan.: 1
Fasten in place by welding

Material: 5/8" Pipe
Install with Hinge Pin
Quan.: 1

Dimensions:
- 19 3/8"
- 21"
- 8"
- 15 3/8"
- 13 7/8"
1 5/8 Dia.
2 Places

3/8 Drill
3 Places

Rear
Mat'l. 16 Ga. S.S.
Quan. 1

30 3/4
45°

Side
Mat'l. S.S., 16 Ga.
Quan. 2

Shroud/Chute
16 Ga. Stainless Sheet
Note: Weld All Joints

2 1/2 R.
2 Places

5/16 Drill
3 Places

Front
Mat'l. 16 Ga. S.S.
Quan. 1

45°
Expanded Metal Cyl.
Style: \(\frac{3}{4} \times 1\frac{1}{2}, .081\text{-H}\),
Expanded, Nonflattened 16 Ga.
Type 3003-H14 (Alum.)

Drive Rings (2)
1\(\frac{1}{2}\) x 4\(\frac{1}{4}\) Alum. Flat

Note:
Weld All Joints

Pulp/Seed Separator
Main Frame Side 15\(\frac{1}{4}\) 1x2 Rect. Tubing

Tab Mat'l: 1\(\frac{1}{2}\)x3\(\frac{3}{4}\)x\(\frac{5}{16}\) H.R Flat

\(\frac{3}{4}\) Drill

\(\frac{1}{2}\) Drill

See Detail "E"

Note:
Main Frame Const. Of 2\(\times\)2\(\frac{1}{8}\) Sq. Tubing Except As Noted
6.0 D x 1/8 Wall Stainless Tubing: I.D. Trued on ends 1" d.p. Plates Turned to Fit.

Roller
Mat'l: Stainless
Quan.: 2

Idle Adj.
Mat'l: H.R. Flat
Quan.: 1

3/8 Thk. H.R. Plate
Turned for Close Fit & Welded In Place

1/2 x 1/2 Sq. Stainless KeyStock
Std. SS. Set Screw Locking Collar (3/4) Welded & Broached. Broach For 3/8 Shaft

43/32 Drill

1/4-20 UNC (2) Set Screws @ 90°
<table>
<thead>
<tr>
<th>No.</th>
<th>Item</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>3/4&quot; pillow block bearing</td>
<td>10</td>
</tr>
<tr>
<td>2</td>
<td>3/4 x 1 5/8&quot; ball bearing</td>
<td>2</td>
</tr>
<tr>
<td>3</td>
<td>#40-B-18 sprocket idler</td>
<td>3</td>
</tr>
<tr>
<td>4</td>
<td>#40-B-24 sprockets, 3/16&quot; keyway, 1/4-20 U.N.C. set screws</td>
<td>3</td>
</tr>
<tr>
<td>5</td>
<td>#40-B-10 sprocket, 3/16 keyway, 1/4-20 U.N.C. set screw</td>
<td>1</td>
</tr>
<tr>
<td>6</td>
<td>4.95 x 3/4 B-section, V-belt pulley, 3/16 keyway, 1/4-20 U.N.C. set screw</td>
<td>1</td>
</tr>
<tr>
<td>7</td>
<td>4.95 x 3/4 B-section, double V-belt pulley, 3/16 keyway, 1/4-20 U.N.C. set screw</td>
<td>1</td>
</tr>
<tr>
<td>8</td>
<td>2.0 x 3/4 B-section, V-belt pulley, 3/16 keyway, 1/4-20 U.N.C. set screw</td>
<td>1</td>
</tr>
<tr>
<td>9</td>
<td>B-section V-belts, 34&quot;</td>
<td>2</td>
</tr>
<tr>
<td>10</td>
<td>Pneumatic wheels, 10&quot; w/5/8&quot; I.D. brngs</td>
<td>2</td>
</tr>
<tr>
<td>11</td>
<td>Gasoline engine, 3-hp w/6-1 gear reduction</td>
<td>1</td>
</tr>
<tr>
<td>12</td>
<td>2&quot; x 1 8/9 SQ tubing</td>
<td>35' 0&quot;</td>
</tr>
<tr>
<td>13</td>
<td>2&quot; x 2&quot; x 3/16&quot; angle iron</td>
<td>4' 0&quot;</td>
</tr>
<tr>
<td>14</td>
<td>1½&quot; x 1½&quot; x 3/16&quot; angle iron</td>
<td>1' 8&quot;</td>
</tr>
<tr>
<td>15</td>
<td>2&quot; x 2&quot; x 1 8/9&quot; angle iron</td>
<td>0' 5&quot;</td>
</tr>
<tr>
<td>16</td>
<td>1&quot; x 2&quot; x 1 14 ga. Rect. tubing</td>
<td>2' 5&quot;</td>
</tr>
<tr>
<td>17</td>
<td>1½&quot; x 5/16&quot; H.R. flat iron</td>
<td>0' 6½&quot;</td>
</tr>
<tr>
<td>18</td>
<td>1&quot; x 3/8&quot; H.R. flat iron</td>
<td>0' 1 3/8&quot;</td>
</tr>
<tr>
<td>19</td>
<td>1½&quot; x ¾&quot; H.R. flat iron</td>
<td>0' 7½&quot;</td>
</tr>
<tr>
<td>20</td>
<td>1&quot; x ½&quot; H.R. flat iron</td>
<td>1' 7&quot;</td>
</tr>
<tr>
<td>21</td>
<td>1½&quot; x 3/8&quot; H.R. flat iron</td>
<td>4' 5&quot;</td>
</tr>
<tr>
<td>22</td>
<td>¾&quot; x ¾&quot; Alum. flat</td>
<td>10' 0&quot;</td>
</tr>
<tr>
<td>23</td>
<td>3/4&quot; dia. C.R.S.</td>
<td>14' 6&quot;</td>
</tr>
<tr>
<td>24</td>
<td>1 7/8&quot; dia. C.R.S.</td>
<td>0' 2&quot;</td>
</tr>
<tr>
<td>25</td>
<td>4½&quot; dia. Alum. round</td>
<td>0' 6½&quot;</td>
</tr>
<tr>
<td>26</td>
<td>16 ga. stainless steel</td>
<td>3/4 Sheet</td>
</tr>
<tr>
<td>27</td>
<td>3/4&quot; iron pipe</td>
<td>6' 1&quot;</td>
</tr>
<tr>
<td>28</td>
<td>¾&quot; iron pipe</td>
<td>1' 7 3/8&quot;</td>
</tr>
<tr>
<td>29</td>
<td>¾ x ¾ sq. stainless bar</td>
<td>14' 0&quot;</td>
</tr>
<tr>
<td>30</td>
<td>Stainless steel plate - 3/16&quot; thick</td>
<td>1-sq. ft.</td>
</tr>
<tr>
<td>31</td>
<td>3/4&quot; set screw locking collar</td>
<td>4</td>
</tr>
<tr>
<td>32</td>
<td>5/8&quot; set screw locking collar</td>
<td>3</td>
</tr>
<tr>
<td>33</td>
<td>3/4&quot; stainless set screw locking collar</td>
<td>4</td>
</tr>
<tr>
<td>34</td>
<td>Stainless steel tubing 6&quot; x 1/8&quot;</td>
<td>2' 6&quot;</td>
</tr>
<tr>
<td>35</td>
<td>Expanded metal, 16 ga. alum. style 3/4 x 1½, .081 H., nonflattened. Tyle 3003-H14</td>
<td>0' 6 3/4&quot;</td>
</tr>
<tr>
<td>36</td>
<td>½-13 U.N.C. Thd. rod</td>
<td>0' 6 5/8&quot;</td>
</tr>
<tr>
<td>37</td>
<td>3/8-16 U.N.C. thd. rod</td>
<td>9</td>
</tr>
<tr>
<td>38</td>
<td>½-20 U.N.C. set screw</td>
<td>9</td>
</tr>
<tr>
<td>39</td>
<td>Spring - 6 7/8&quot; f.l., 3/32 dia. wire, 2&quot; pitch 3/4&quot; O.D.</td>
<td>1</td>
</tr>
<tr>
<td>40</td>
<td>½-20 U.N.C. x 2½ rd. hd. slotted bolts &amp; nuts</td>
<td>6</td>
</tr>
<tr>
<td>41</td>
<td>3/8-16 U.N.C. x 2&quot; bolts &amp; nuts</td>
<td>4</td>
</tr>
<tr>
<td>42</td>
<td>3/8-16 U.N.C. x 4&quot; bolts &amp; nuts</td>
<td>4</td>
</tr>
<tr>
<td>43</td>
<td>½ x 13 U.N.C. x 4&quot; bolt &amp; nut</td>
<td>1</td>
</tr>
<tr>
<td>44</td>
<td>½ x 13 U.N.C. x 2½&quot; bolt &amp; nut</td>
<td>1</td>
</tr>
<tr>
<td>45</td>
<td>3/8-16 U.N.C. x 4&quot; carriage hd. bolt &amp; nut</td>
<td>8</td>
</tr>
<tr>
<td>46</td>
<td>3/8-16 U.N.C. x 1&quot; carriage hd. bolt &amp; nut</td>
<td>12</td>
</tr>
</tbody>
</table>
| 47  | Roller chain, A.N.S.I. #40                                           | 10' 1"