<page>025r</page>

<image>http://gallica.bnf.fr/ark:/12148/btv1b10500001g/f55.item</image>

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<ab>a hundred <ms>paces</ms> away from the battery &amp; one surrounds them with barricades or trenches. And there one goes to get <m>powder</m> in <tl>bags</tl> or <tl>frails</tl>. And each piece has its own <tl>frail</tl> for loading three or four times. Then, when the cannon is placed on the platform, one puts a board that is proof of an arquebus between two gabions. Then a <pro>gunner</pro> loads it with a <tl>linstock</tl>, &amp; with the <tl>rammer</tl> which is at <del><fr>len</fr></del> the other end of the <tl>linstock</tl>, two men ram the <m>powder</m> as much as they can, in nine or ten pushes, until they find the <m>powder</m> to be hard &amp; and well-compacted. Then another adds some <m>hay</m> or <m>straw</m> and the <del>r</del> others ram a little. Another loads the ball and the <m>hay</m>-bearer puts in as much of it as before &amp; one rams a little. Some put <tl><m>wooden</m> bungs</tl> but this runs the risk of making the piece burst. And where one has to shoot many <del>cannon</del> shots, one would need many <tl>bungs</tl>, which would cost much to carry. Once the cannon is loaded, xx or xxv <pro>pioneers</pro> push it forward with bars, keeping to one side behind the gabions without taking off the board until the cannon reaches it. Once the cannon is in front, the <pro>gunner</pro> mounts it with the <tl>wedges</tl> which are at the back, taking the sight on each side and then in the middle. Then another who is nearby gives fire. Each <del><pro>gunner</pro></del> cannon needs 3 <pro>gunners</pro>: the loader, the one who aims, the one who gives fire. Sometimes, against a camp or into a breach, one shoots cartridges, made as you have elsewhere, or else one uses a <m>basan</m> full of <m>flint stones</m>, <m>cart nails</m> &amp; similar. <del><fr>P</fr></del> A <del><fr>ch</fr></del> cannon must not move unless it has two harnesses, be they of <m>wood</m> or <m>iron</m>. And to furnish the wheels, powder box, and other furniture of the cannon, one needs seven <ms>quintals</ms> and a half of <m>iron</m>. <del><fr>Pour les pre</fr></del> The best battery is done at a curtain wall, some say, <del>for</del> that is, as if at an <del><fr>bieve</fr></del> angle, for by doing this you shake loose several stones.</ab>

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Some put small wheels of the piece and a thick board to the end of the carriage of the piece in order that it may be drawn more quickly and without making a noise. Others put <m>leather</m> around the <del>the</del> wheels &amp; also put <m>leather</m> soles or shoes on the <al>horses'</al> hooves in order that one does not hear them.</ab></div>