<page>132r</page>

<image><http://gallica.bnf.fr/ark:/12148/btv1b10500001g/f269.item.r=></image>

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<id>p131v\_1</id>

<ab>to not open your <m>mold</m> too hot, for this sours it, makes it porous &amp; contracts the <m>tin</m> &amp; makes the molded thing break. Also, do not quench your hot <tl>mold</tl> in <m>water</m>, for this makes the <del><fr>le met</fr></del> <m>tin</m> or <m>lead</m> contract.</ab>

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<id>p132r\_1</id>  
<head><tl>Mold</tl> made in two casts</head>

<ab>It opens once reheated to be cleaned, next, one puts the <tl>clamps</tl> on again, one <m>lutes</m> the <tl>mold</tl> &amp; especially the joints, then one slowly dries the <m>earth</m>. And then, as it no longer smokes, one leaves the <tl>mold</tl> to cool until you hold it without harm. Next, put in the <tl>presses</tl> or in the sand in a <tl><fr>terrine</fr></tl>, &amp; cast in <m>tin</m>. For if you were to cast in <m>silver</m> or <m>gold</m>, it would be necessary that your <tl>mold</tl> be reheated twice &amp; cast, as it would be red.</ab>

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If your <tl>mold</tl> <del><fr>f</fr></del>, through the fault of the <m>plaster</m>, retracts <add>in the fire</add>, one needs to open it, after the first reheating, to tighten it again &amp; <tl>clamp</tl> it and <m>lute</m> again and tighten again. </ab>

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<id>p132r\_2</id>  
<head>Method for reheating the <tl>molds</tl></head>

<ab>Light <m>charcoals</m> in the <tl>forge</tl>, &amp; then arrange them in rows in a corner of it, according to the size of your <tl>mold</tl>, in such a way that it can be furnished with three or 4 <ms><bp>fingers</bp></ms> all around, and especially at the bottom of the <tl>mold</tl>, which is the thickest, <del>and which</del>. Your <m>charcoals</m> thus arranged, place your <tl>molds</tl> on top of them, &amp; not on a <tl><fr>grille</fr></tl>, as some do, because they would take the fire too harshly. And leave for some time thusly, &amp; little &amp; by little warm your <tl>oven</tl>, always adding some lit <m>charcoal</m>. And as long as the <tl>mold</tl> is damp, the <m>charcoals</m> will be as if died down from below. But as it dries, they will light themselves. And when it is dry on one side, turn it to the other. And when it is dry on both, &amp; it no longer smokes. At that moment, invigorate the fire &amp; cover it with lit <m>charcoals</m>. And as it begins to redden, do not blow the <m>charcoals</m> with a <tl>little bellows</tl>, for this would make it <del>blow</del> burst. And similarly, when it is red, keep it well covered with lit <m>charcoals</m> &amp; do not uncover it, for it would break. Make sure <env>wind from a window</env> does not beat on it. Let cool</ab>

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When you want to reheat your <tl>molds</tl>, <del>&amp;</del> be they <m>luted</m> or not, mark the place on the belly to put it under, against the lit <m>charcoals</m> <del><fr>que</fr></del> because if the ardor of the fire would make them crack, it would be better that this be at the belly &amp; from underneath, than on the back.</ab>

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@If your <tl>mold</tl> is small, one ought not to leave it <del>rest</del> so much in the fire, for it corrupts and breaks there, for it reheats more quickly than a big one.</ab>

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