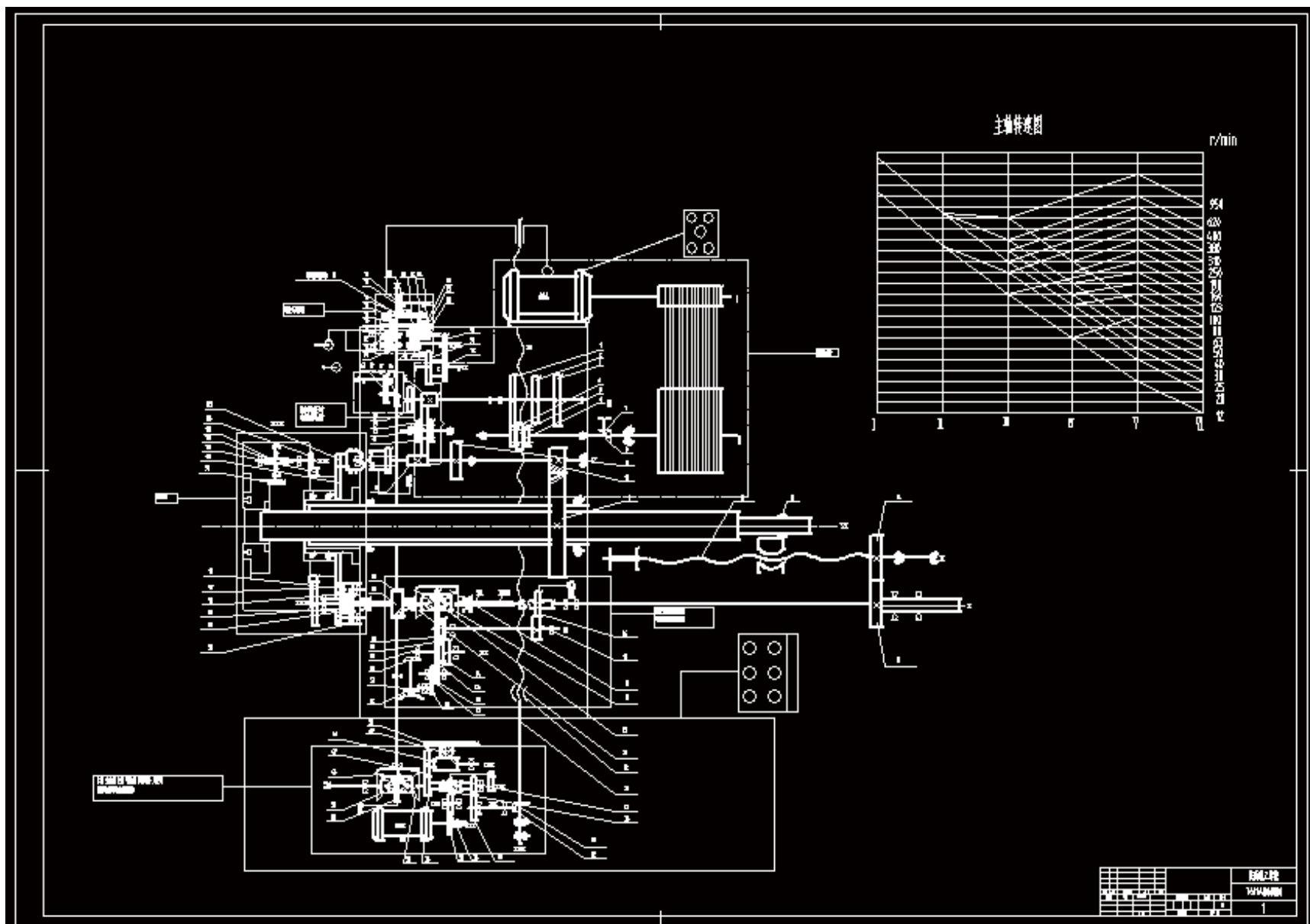


T611A 主轴箱主传动构造设计

[摘要] 卧式镗床主要用来进展镗削、钻削、车削以及铣削平面等。在车床、镗床、铣床、插、拉床、磨床、数控加工中心、齿轮加工中心、切断机床、特种加工机床、组合机床、柔性制造系统等众多机械加工设备中，镗床加工特点：加工过程中工件不动，让刀具移动，将刀具中心对正孔中心，并使刀具转动(主运动)，在实践中具有“万能车床”的称号。镗床主传动系统是用来实现镗床主运动的，它将主电动机的原动力变成可供主轴上刀具切削加工的切削力矩和切削速度。为适应各种不同的加工及各种不同的加工方法，镗床的主传动系统应具有较大的调速范围，以保证加工时能选用合理的切削用量，同时主传动系统还需要有较高精度及刚度并尽可能降低噪声，从而获得最正确的生产率、加工精度和外表质量。

[关键词] 镗床 主传动系统 主运动 进给运动 扭距



Painting boxes main spindle drive chart and expounding deceleration level, calculating torque

[Abstract] : Horizontal Boring Machine mainly used for boring, drilling, turning and milling plane, and so on. In lathes, boring machine, milling machine, Chap, broaching machine, grinding machines, CNC machining centers, gear machining centers, and to cut off the machine, special machine, combination machine tools, flexible manufacturing systems, and other machining equipment, Boring Machine processing features : workpiece machining process fixed, Tool for Mobile, will center on the tool is the center hole and make rotating cutter (Controller Movement), in the practice of “universal lathe “.The system of boring main driving is used to achieve the main movement boring machine, Main Motor will become the driving force on the tool spindle machining cutting torque and the cutting speed. To meet the various processing and a variety of processing methods, the main drive system Boring Machine should have a larger scope of the governor, to ensure that processing can use a reasonable amount of cutting. Meanwhile main drive system will need a higher accuracy and rigidity and minimize noise, which was the best productivity, machining accuracy and surface quality.

[Keywords] Boring Machine The system of Main Driving Main campaign
Feeding Campaign Torque

以上内容仅为本文档的试下载部分，为可阅读页数的一半内容。如要下载或阅读全文，请访问：
<https://d.book118.com/558011114027006106>