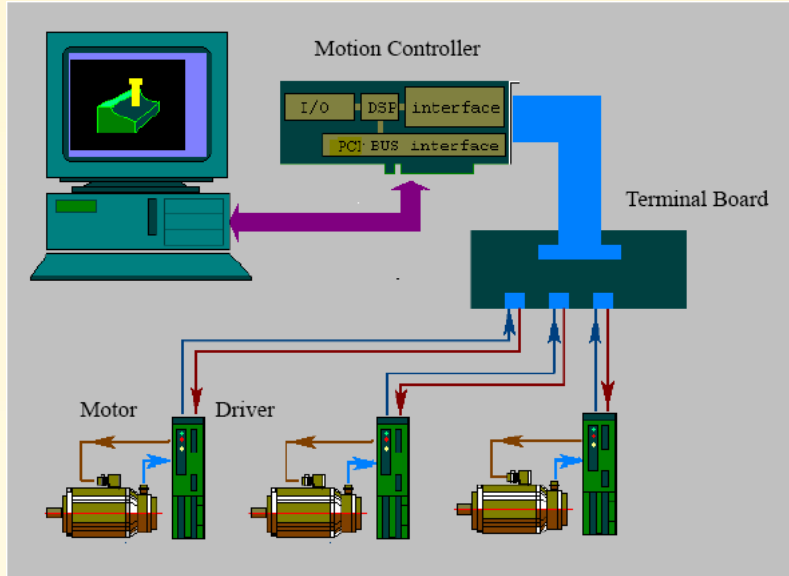




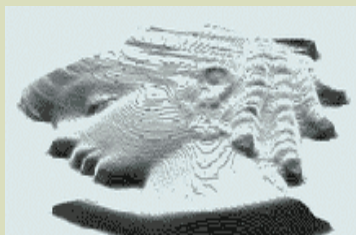
- Arbitrary start of the function, reduce duplication of large processing time and improve processing efficiency
- Arbitrary location of the suspension, arbitrary position to continue to facilitate the operation of the user, reducing the possibility of non-operation
- Provide grammar self-check, error prompt, pause and soft limit and hardware limit functions.



System diagram

Technical Specifications

Operation system	Windows 2000 SP2
Bus	PCI
Sampling rate	200us (invariable)
Analog output Scale	-10V~ +10V
Pulse output	3 axes
Encoder channel	3 channels of quadrature incremental encoder. Max. Counting frequency: 4MHz (GE-300-SX).
Limit switch	Positive and negative limit switch of each axis
Home switch	1 channel of home switch of each axis
Driver alarm signal	1 channel of driver alarm signal of each axis
Driver enable signal	1 channel of driver enable signal of each axis
Driver reset signal	1 channel of driver reset signal of each axis
Input	16 channels
Output	16 channels





Selection Guide

Item	Description	Engrve-ESG	Engrve-ESV
Machine tool control axis	3Axis	√	√
Spindle	1	√	√
Minimum input increment	0.001mm	√	√
Fine acc/dec control		√	√
Software over-travel, hardware limit switch protection		√	√
Backlash compensation		√	√
Step motor and driver that can be connected	Step servo driver with position control mode	√	√
Servo motor and driver that can be connected	AC/DC servo driver with velocity control mode.	×	√

Ordering Information

Model No.	Description
Engrve-ESG Control System	<ul style="list-style-type: none"> • GE-300-SG-PCI-G Motion control card • Connector with a 60-pin flat cable • 1.5m 62-pin cable • Terminal board • Engraving machine Control software and Manuals
Engrve-ESV Control System	<ul style="list-style-type: none"> • GE-300-SV-PCI-G Motion control card • Connector with a 60-pin flat cable • 1.5m 62-pin cable • Terminal board • Engraving machine Control software and Manuals

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