

Introduction of new products 2012 cutting unit-III

160~450PE Dustless
Cutting Unit

**Guangdong Liansu Machinery
Manufacturing Co.,Ltd**

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160~450PE Swarfless Cutting Unit

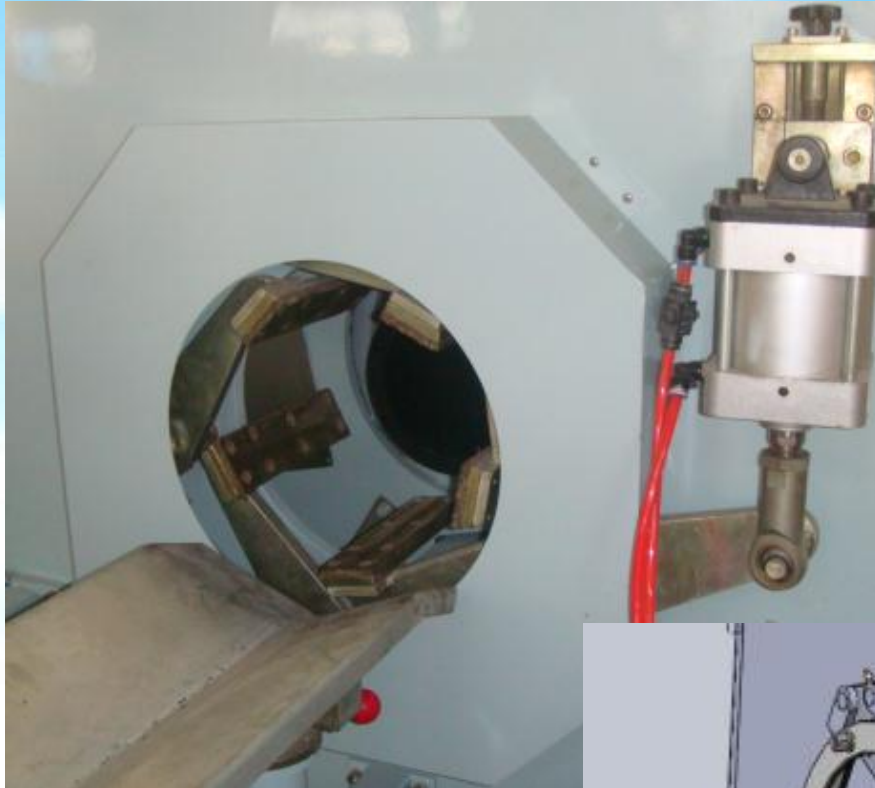


Feature summarize

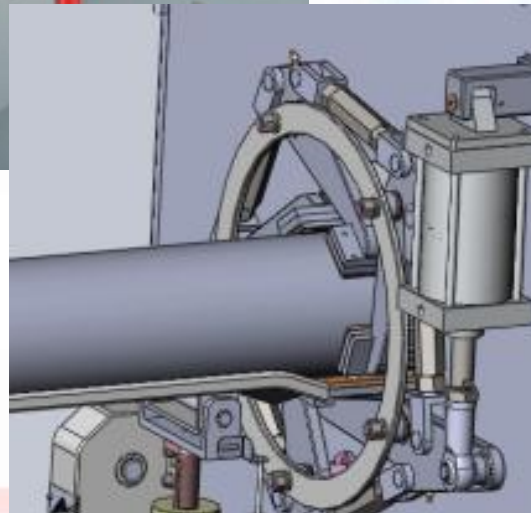
- A. multipoint clamping, auto set center
- B. screw rod knife feed, reasonable structure;
- C. blade cutting, no dust or swarf;
- D. single point drive, simple but energy saving;
- E. full-automatic adjusting;
- F. easy operation, dynamic display



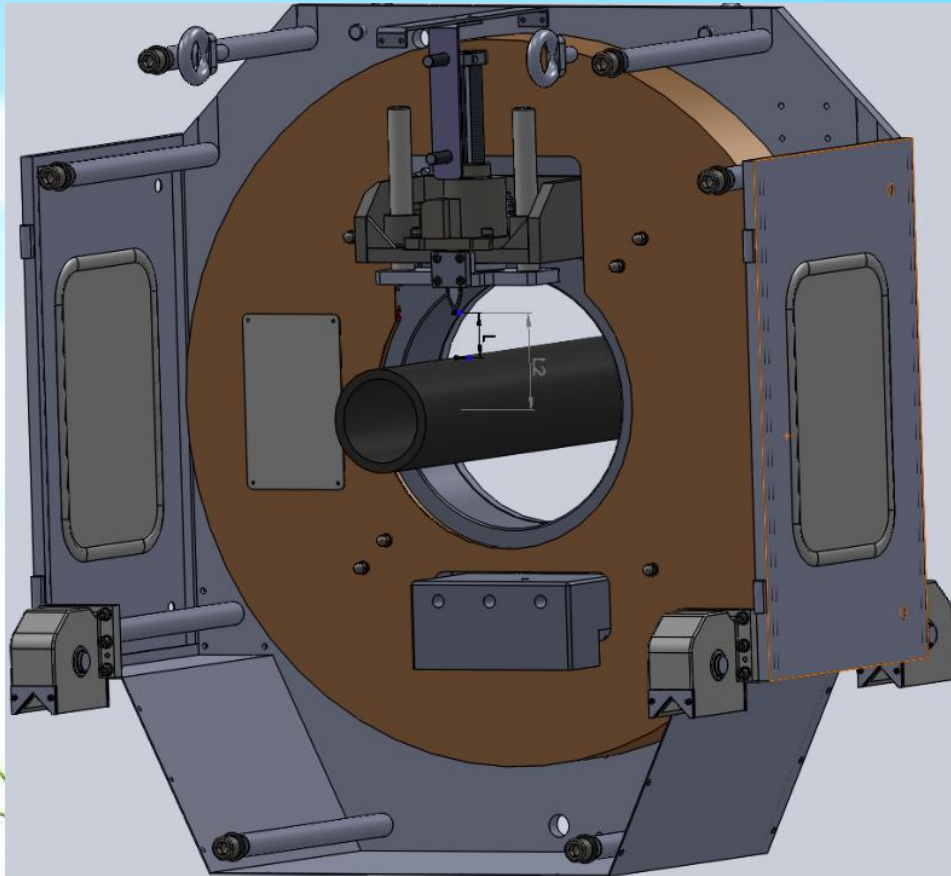
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A.multipoint clamping:
six-claws auto set center
clamping,auto adjust clamps
when changing pipe diameter



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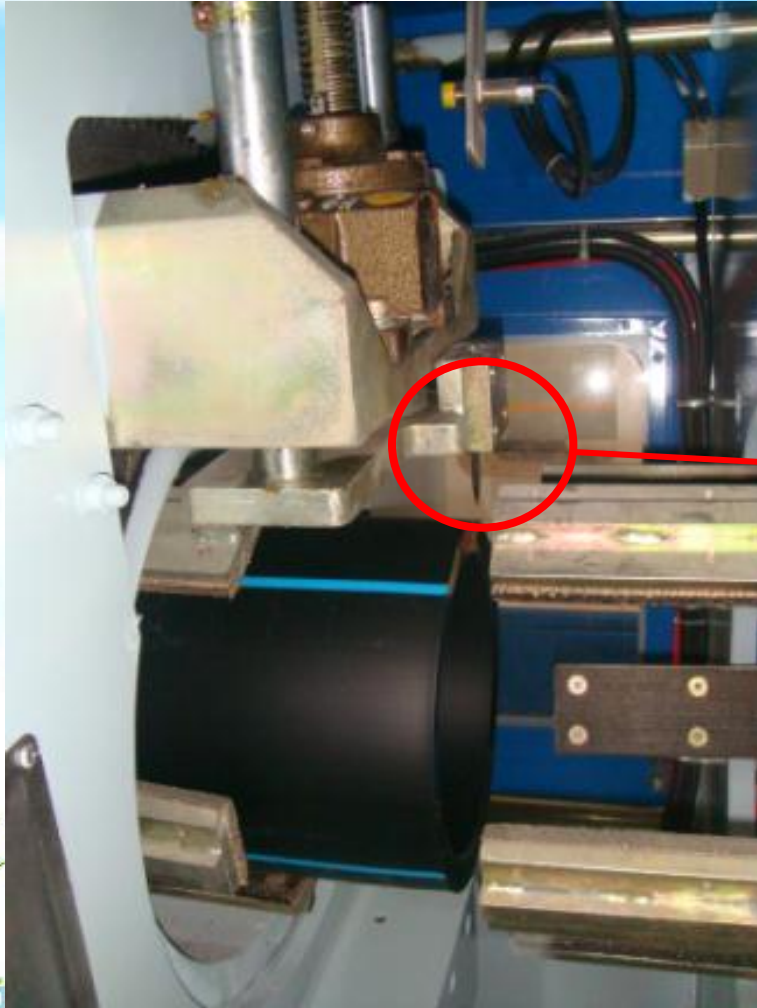


B.gear screw rod knife feed:
gear wheel rotating body
drives screw rod device
knife feed,reasonable
structure





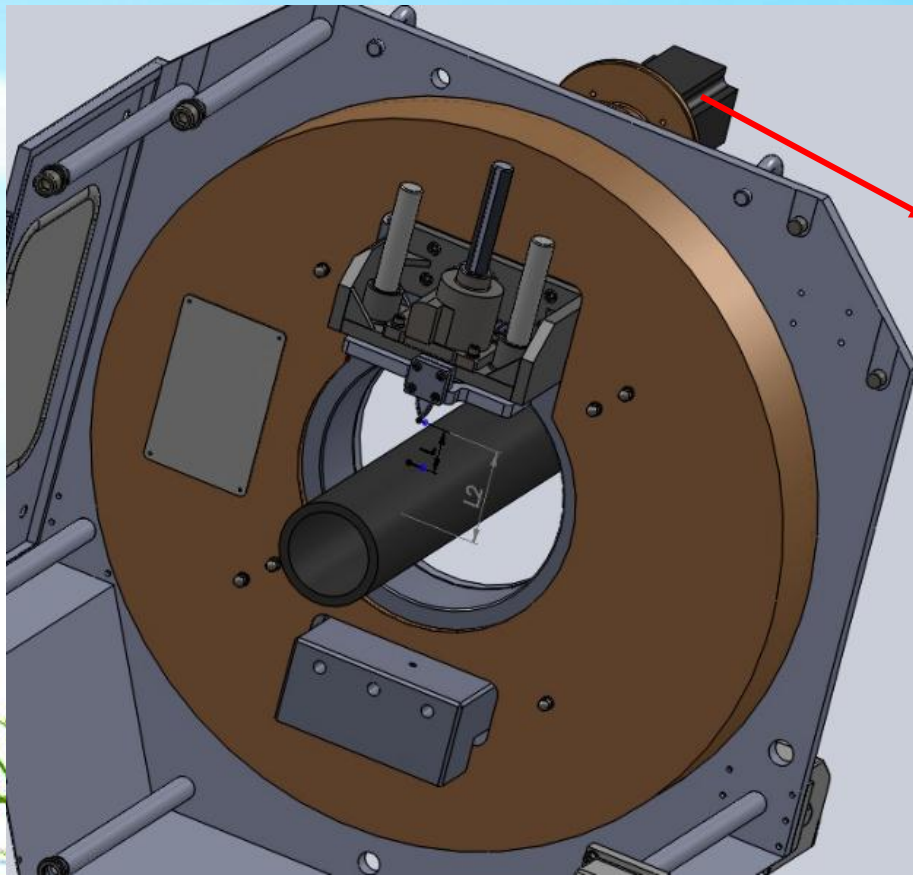
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C.blade cutting:
no dust or swarf when
cutting, smooth
incision ,lower-noise



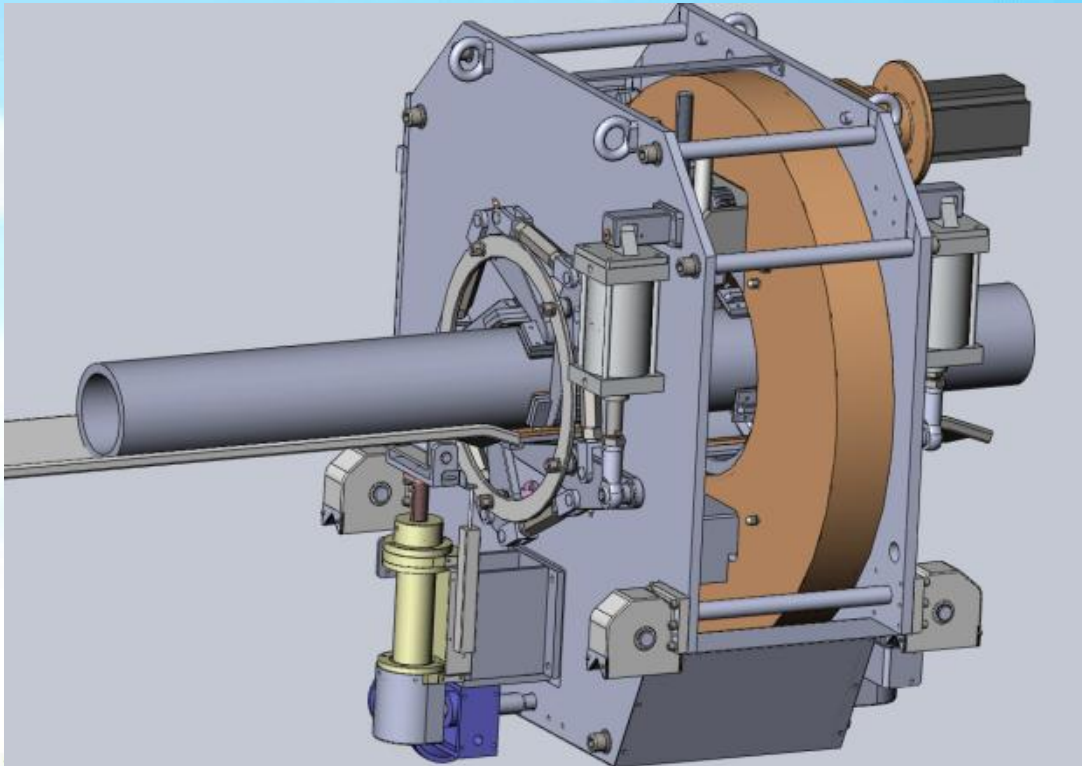
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D.single point drive:
rotary motor、 oil pump knife
feed、 saw cutting motor in
planetary cutting unit simplified
as one single point drive as the
picture show. simple but energy
saving



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E.full automatic (optional) :

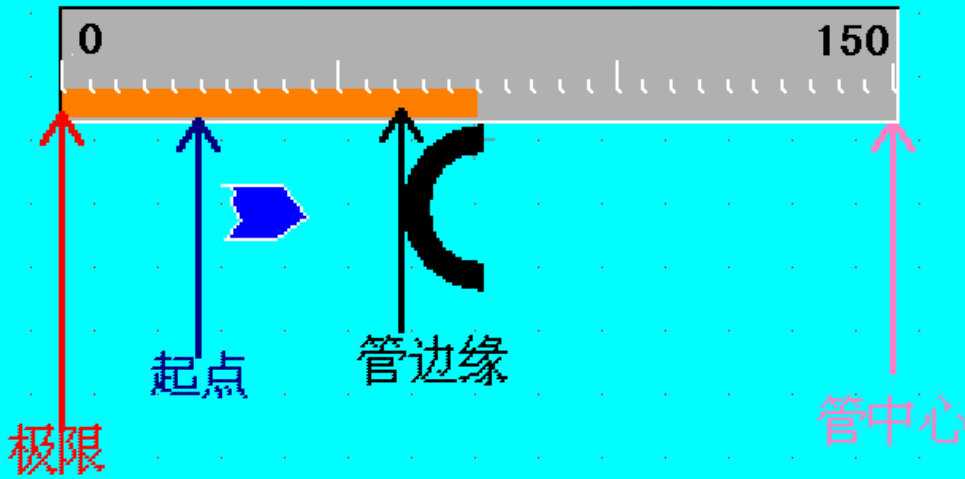
- ① pipe supporting;
- ② knife feed amount;
- ③ knife feed start point;
- ④ pipe clamping;
- ⑤ cutting trolley moving synchronism

Actions above all adjusted by servo system automatically



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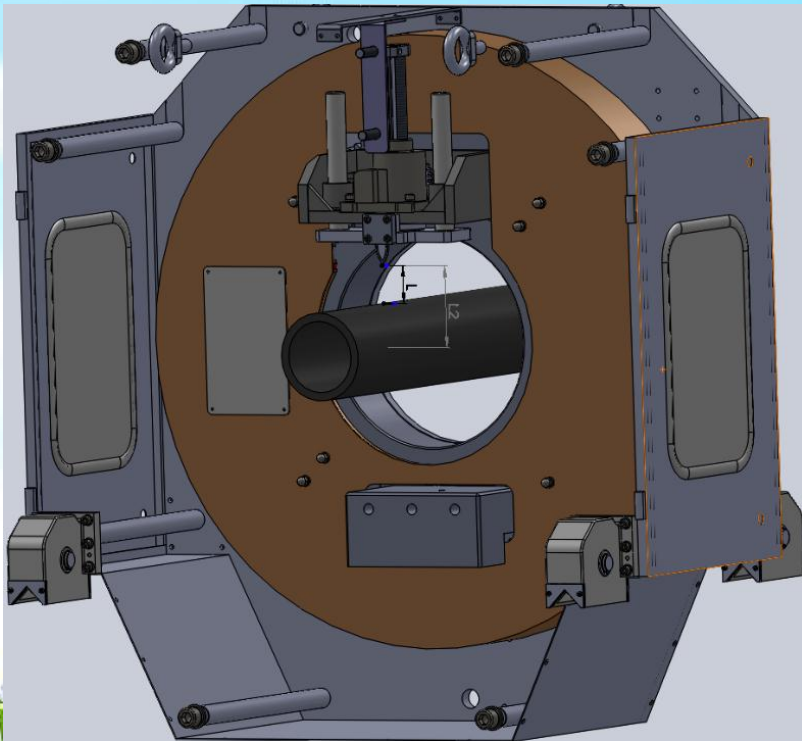
翻料长度	1000	mm	产量	20001	
切割长度	4000	2501	mm		
直径	125	mm	壁厚	12	mm



Easy operation (full-automatic model, dynamic display)

- 1、full-automatic cutting unit only has one operator display window, as the picture show, when changing the pipe size, just input pipe "diameter" and "thickness", then all the adjusting and actions finished automatically;
- 2、the window display cutting knife real-time position, pipe supporting location and knife's starting location as picture show

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In general, the PE swarfless cutting unit in the market, most of it adopt hydraulic pressure knife feed; rotate dual-circle knife or single knife cutting mode, hydraulic pressure part and circle knife part have high occurrence ratio of fault, more than that it can't cut thick pipe.

The latest swarfless cutting unit developed by Liansu, adopted screw rod as the picture show, reasonable structure, easy maintenance, knife feed strong, which could solve the thick pipe's cutting problem



END



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