EARTH DRILL

Excavator Attachment
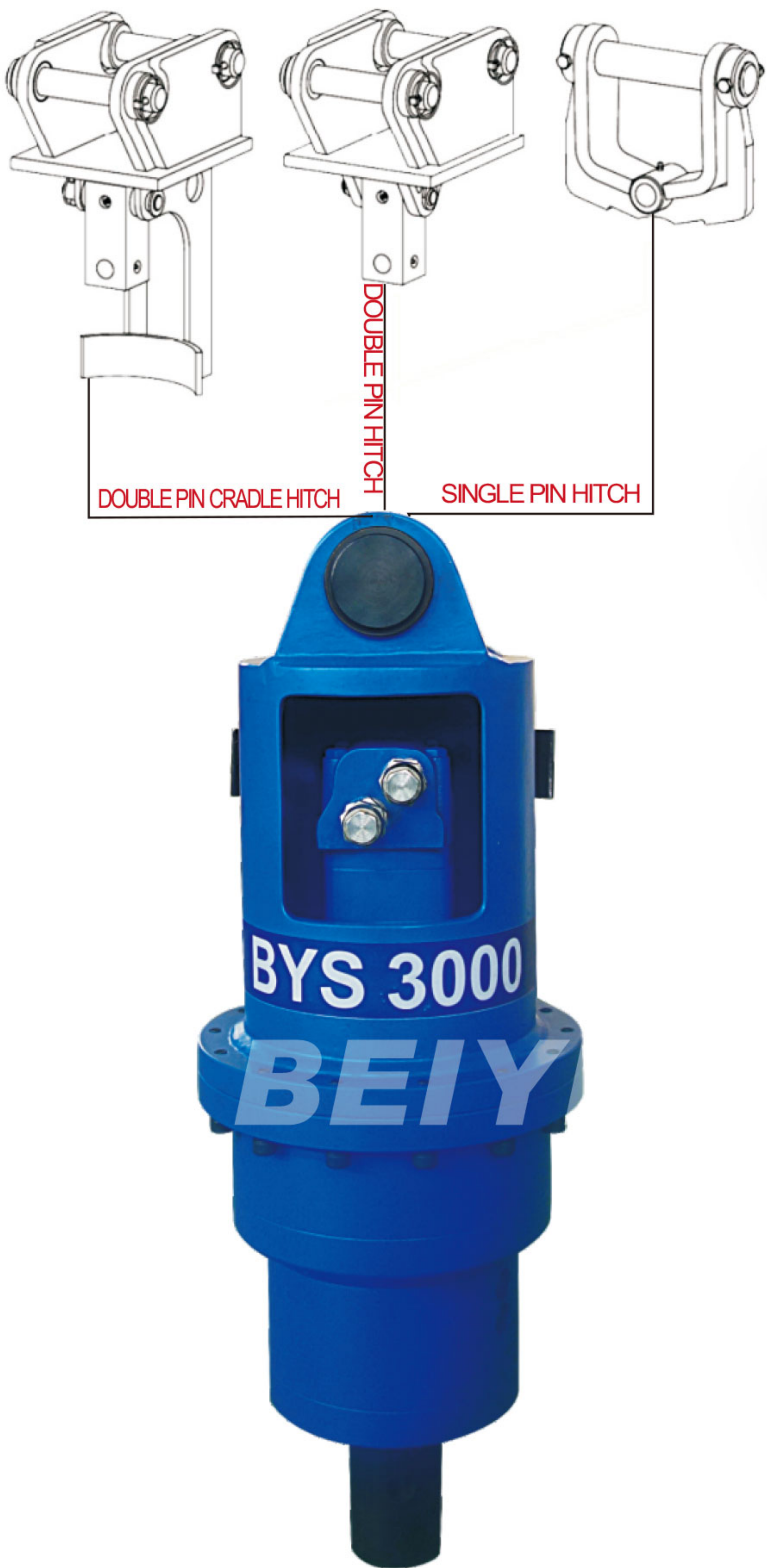BYS 3000

DOUBLE PIN CRADLE HITCH   DOUBLE PIN HITCH   SINGLE PIN HITCH

BYS 3000
BEIYI

Working Principle

Apply to pore forming operation of tree planting, telecom, electric power, municipal garden, highroad, railway etc.

Extension Shaft

S4 : 65mm circular drive , length : 0.5m   0.8m   1m
S5 : 75mm square drive , length : 1m   1.5m   2m
S6: 75mm square drive , length : 1.5m   2m   3m

Ordinary drill pipe(Including drill teeth and drill bit)
Wear-resisting drill pipe (including carbide teeth and carbide drill)
Soft rock drill pipe(including rock teeth and rock drill)

Diameter ：

S4 : 100mm,150mm,200mm,225mm,250mm,300mm,350mm,
       400mm,450mm,500mm,600mm,750mm,900mm
S5 : 150mm,200mm,225mm,250mm,300mm,350mm,400mm,
       450mm,500mm,600mm,750mm,800mm,900mm
S6 : 150mm,200mm,225mm,250mm,300mm,350mm,400mm,
       450mm,500mm,600mm,750mm,800mm,900m,1m,1.2m,

Photovoltaic Construction

Tree Planting and Virescence

MORE COMPACT DESIGN LESS MAINTENANCE

No compromise in quality, gears are precision machined from a high grade alloy steel, specifically formulated for the manufacturing of high performance gears to ensure the more lifetime and less maintenance .Compact design allows for greater length under the drive for augers or pile installation.

DESIGN AND DEVELOPMENT

Beiyi utilizes advanced 3D modeling software, finite analysis, cyclic testing, and extensive in field testing to ensure a product that performs, day in and day out.

2 PIECE SHAFT DESIGN

The shaft is a separate component to the planetary carrier, isolating the planetary gears from the pushing, pulling and bending forces generated by the machine.

Model	Unit	BYS3000	BYS4000	BYS6000	BYS8000	BYS9000
Application	T	2-4T	3-5T	4.5-6T	5-7T	6-8T
Torque	Nm	1094-3195	1710-4117	2570-6917	3163-8786	3854-9961
Pressure	Bar	80-240	80-240	80-240	80-240	80-240
Flow	Lpm	25-70	50-92	40-89	48-110	70-150
Rotate speed	Rpm	30-82	35-68	20-46	20-45	23-48
Output shaft	mm	65Rnd	65Rnd	75Sq	75Sq	75Sq
Weight	kg	100	110	105	110	115
Max Auger Diameter Clay /Shale	mm	300	350	500	600	800
Max Auger Diameter Earth	mm	400	500	600	800	1000
Model	Unit	BYS15000	BYS20000	BYS25000	BYS30000	BYS59000
Application	T	10-15T	12-17T	15-22T	17-25T	20-35T
Torque	Nm	5307-15967	6715-20998	8314-25768	15669-30393	27198-59403
Pressure	Bar	80-160	80-260	80-260	80-260	160-350
Flow	Lpm	80-170	80-170	80-170	80-170	100-250
Rotate speed	Rpm	23-48	15-32	12-26	12-21	10-22
Output shaft	mm	75Sq	75Sq	75Sq	75Sq	110Sq
Weight	kg	192	200	288	298	721
Max Auger Diameter Clay /Shale	mm	900	1000	1100	1200	1500
Max Auger Diameter Earth	mm	1200	1400	1500	1600	2000