

**CINCINNATI  
MACHINES**

**Anaconda**

**VERY LARGE HEAVY-DUTY GAP  
AND OIL-COUNTRY LATHES**

**BIG SWING! BIG BORES!**

**BIG CENTERS! BIG POWER!**

**BIG CAPACITY!**



# SERIOUS MACHINING CAPABILITY



**100" Swing Over Bed  
82" Over Crossslide  
240" Centers**

## Anaconda 100XD240

CINCINNATI MACHINES Anaconda very large heavy-duty gap bed and oil-country lathes are designed and built from the ground up to provide maximum durability, dependability, and precision performance. These large heavy-duty lathes are ideal for a wide variety of applications such as, oil-country, steel and paper mills, power plants, ship building, mining and textile industries.

You have literally hundreds of sizes and configurations of Anaconda lathes to choose from, ranging from 35" to 100" swing, 6" to 24" spindle bore, 60" to 480" centers, and 20 to 100 horsepower. There are four separate series including the Heavy-Duty Series, the Very Heavy-Duty (H) Series, the Extra Heavy-Duty (HD) Series, and the Super Heavy-Duty (XD) Series. You will also find a wide range of optional accessories and equipment to choose from including a choice of chucks, face plates, steady rests, increased spindle bore sizes, taper attachments, increased spindle motor horsepower etc.

### Standard Equipment

Anaconda Series	Anaconda H Series	Anaconda HD Series	Anaconda XD Series
20 HP Spindle Motor A2-11 Spindle Nose 6" Spindle Bore 6 way rapid traverse Electro-mech. apron stop Coolant system Halogen work light Centers/tools	30 HP Spindle Motor A2-11 Spindle Nose 6" Spindle Bore 6 way rapid traverse Electro-mech. apron stop Coolant system Halogen work light Centers/tools	40 HP Spindle Motor A2-11 Spindle Nose 6" Spindle Bore 6 way rapid traverse Electro-mech. apron stop Automatic lubrication 4-step vari-speed headstock Centers/tools	50 HP Spindle Motor A2-15 Spindle Nose 9" spindle bore 6 way rapid traverse Electro-mech. apron stop Automatic lubrication 4-step vari-speed headstock Centers/tools

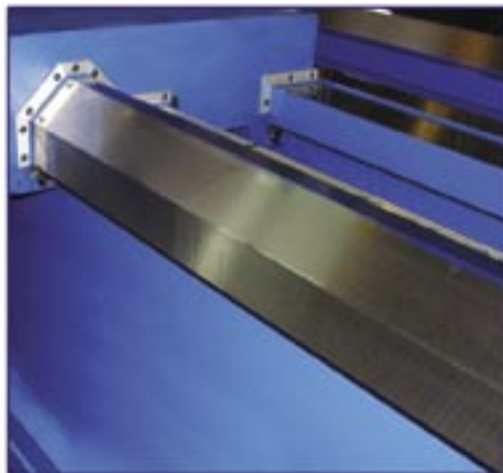


## 50x480 Anaconda

# HEAVY-DUTY QUALITY CONSTRUCTION FEATURES



Massive Heavy-Duty meehanite Carriage Saddle and Apron castings are heavily ribbed for maximum rigidity and performance. The crossslide ways are hardened and precision ground.



The Heavy-Duty high quality meehanite cast bed features massive hardened and ground bed-ways. The single piece design has the entire bed resting on the ground for maximum support and rigidity.



Heavy-Duty and massive tailstock design provides maximum rigidity under all cutting conditions. The quill is hardened and ground to a mirror finish. To provide some perspective, the XD Anaconda Tailstock shown has an 11" diameter quill.

## Anaconda Specifications

Model	Anaconda Heavy-Duty				Anaconda H Very Heavy-Duty				Anaconda HD Extra Heavy-Duty				Anaconda XD Super Heavy-Duty			
	35	40	45	50	45	50	60	70	50	60	70	80	70	80	90	100
Center height (inch)	17.5	20	22.5	25	22.5	25	30	35	25	30	35	40	35	40	45	50
Swing over bed	35	40	45	50	45	50	60	70	50	60	70	80	70	80	90	100
Swing over crossslide	24	29	34	40	32	37	47	57	35	45	55	65	53	63	73	82
Swing over gap	53	58	63	69	65	70	80	90	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Wgt. (lbs) 80" centers	22000	22770	23540	24310	29040	29920	31680	33440	36740	38940	49940	41140	49940	53240	56540	59840
Center distance	60	80	120		160	200	240		280	320	360		400	440	480	
Add for each 20" CC.	2200lbs				3520lbs				5500lbs				8800lbs			
Bed width	22"				28"				40"				47.5"			
Crossslide Travel	26"				32"				47"				54"			
Spindle Power	20HP (30/40-Opt)				30HP (40/50 Opt.)				40HP (50/70 Opt.)				50HP (75/100-Opt)			
Quill Diameter	4.5"				5.75"				9.25"				11"			
Spindle nose (Std)	A2-11 (6" bore)				A2-22 (6" bore)				A2-11 (6" bore)				A2-15 (9" bore)			

## TYPICAL STANDARD SPINDLE SPEED CHART

Spindle nose/bore		A2-11 (6")	A2-15 (9")	A2-15 (10")	A2-20 (12")	A2-20 (14")	A2-28 (16")	A2-28 (21")	A2-32 (25")
Spindle Speeds	R	1	18-130rpm	16-120rpm	13-95rpm	12-85rpm	10-75rpm	8-50rpm	6-40rpm
	a	2	35-260rpm	30-200rpm	25-185rpm	23-170rpm	20-150rpm	15-100rpm	12-80rpm
	n	3	85-550rpm	70-420rpm	60-400rpm	55-300rpm	50-250rpm	35-200rpm	30-180rpm
	g	4	165-1000rpm	150-700rpm	120-600rpm	110-400rpm	95-350rpm	65-300rpm	50-250rpm

**50" Swing Over Bed**  
**33" Over Crossslide**  
**40 Foot Centers**

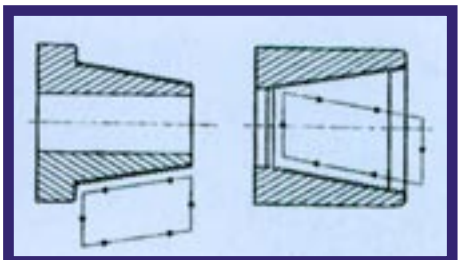




**Big Spindles & Bores to A2-32 Spindle Nose and 24" Hole**



**Rear Chuck Adaptor, Front/Rear Chucks**

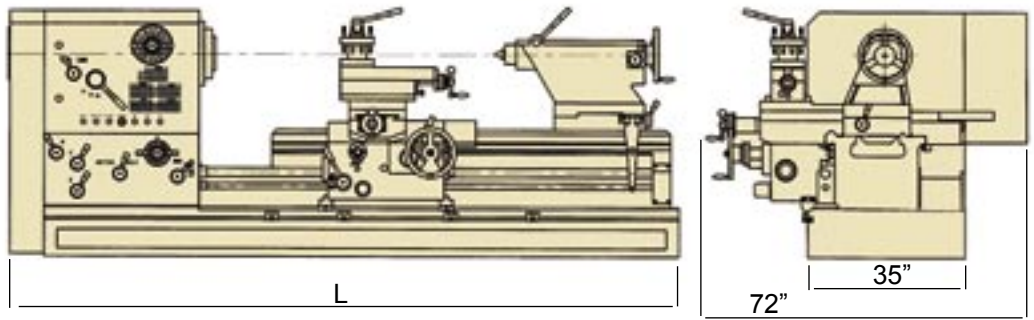


**Semi-Automatic Cycle Turning and Threading**



**Big Chucks/Faceplates up to 80" Chucks 100" Faceplates**

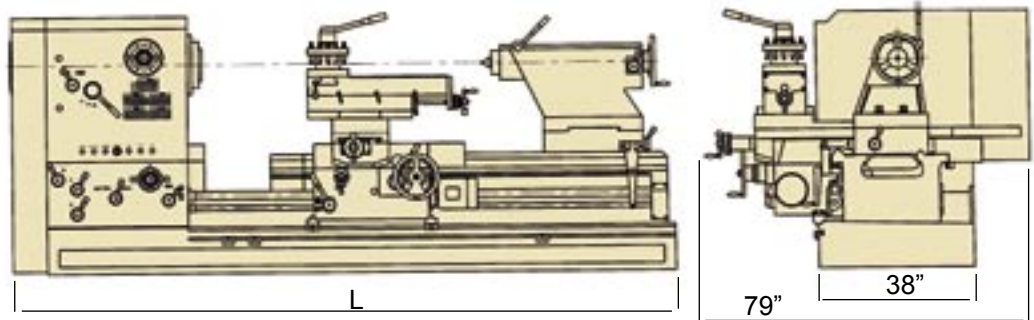
**Anaconda Heavy-Duty Series Lathe**



L (inches)	145	165	185	204	224	243	283	322	361	401	440	479	519	558
Center Distance	60	80	100	120	140	160	200	240	280	320	360	400	440	480

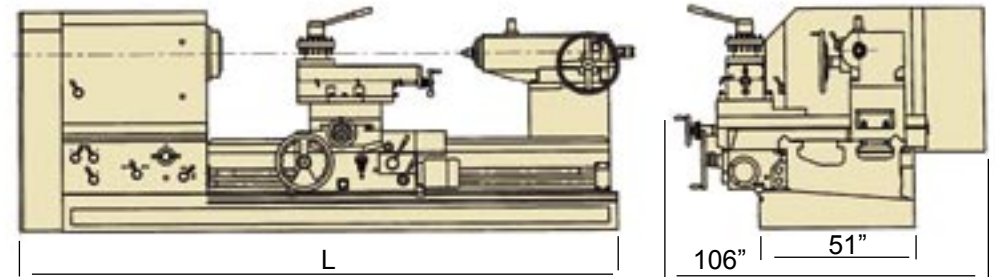
Machine Specifications and Features shown in this brochure are provided as a guide only and are subject to change without notice

**Anaconda (H) Series Very Heavy-Duty Lathe**



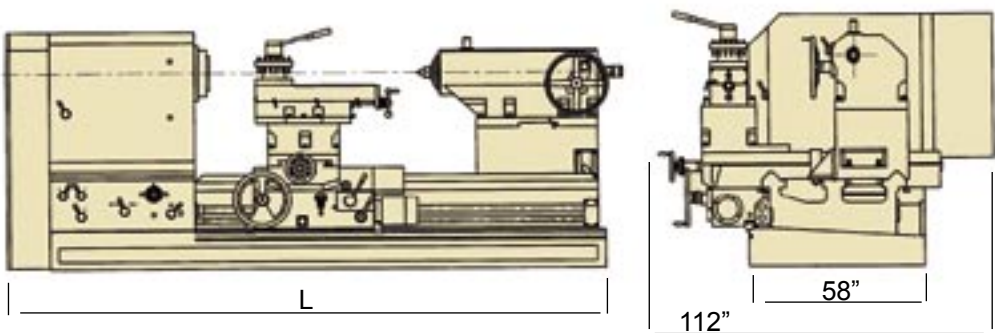
L (inches)	157	177	197	217	237	257	295	335	375	413	453	492	531	571
Center Distance	60	80	100	120	140	160	200	240	280	320	360	400	440	480

**Anaconda (HD) Series Extra Heavy-Duty Lathe**



L (inches)	194	214	234	254	274	294	334	374	414	454	494	534	574	614
Center Distance	60	80	100	120	140	160	200	240	280	320	360	400	440	480

**Anaconda (XD) Series Super Heavy-Duty Lathe**



L (inches)	194	214	234	254	274	294	334	374	414	454	494	534	574	614
Center Distance	60	80	100	120	140	160	200	240	280	320	360	400	440	480