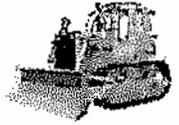


New 2020 - NWCG Dozer Typing Standard Requirements



	Type 1	Type 2	Type 3	Type 4
Net HP Range ¹	240 and up	150 - 250	99 - 165	50 - 110
Min. Base weight ²	60,000 lbs.	35,000 lbs.	20,000 lbs.	10,000 lbs.

1. Manufacturer's published rated net horsepower (HP). Horsepower rating taken at the flywheel with all the engine accessories installed not counting transmission losses or anything after the flywheel.
2. Manufacturer's published base weight including equipped track width and blade configuration, equipment fluids, etc. If a published base weight is unavailable, a certified in-service weight shall be used.

Base operational weight is only used for typing. Final in-service weight will be higher and include additional accessories such as winch, grapple, forestry package, etc. Final in-service weight must be used when calculating hauler capacity, bridge weight limits, etc.

Dozer must meet both weight and horsepower criteria.



New 2020 - USFS Excavator Typing Standard Requirements



Type	Minimum Horsepower	Minimum Operating Weight
4	60	15,000 lbs
3	81	20,000 lbs
2	111	30,000 lbs
1	160	50,000 lbs

•EXCAVATORS

Excavator typing is determined by both weight and horsepower criteria.

If a machine has horsepower for a particular type but lacks the operating weight, it will default to the lower type (i.e. if a machine has a horsepower of 165 and operating weight of 48,000 pounds, it would be typed as a Type 2 machine due to operating weight.)

Equipment will not be awarded under more than one type.

Horsepower and weight data is based on manufacturer's published specifications.

If a published base weight is unavailable, a certified in-service weight shall be used.

Dozer & Excavator Radio Requirement

One (1) handheld programmable radio. Radios must be capable of communicating within a minimum frequency range from 138 MHz to 174 MHz in the narrowband (12.5 KHz) mode on established Federal and state frequencies. Modified radios are not acceptable. Only radios listed on the National Interagency Fire Centers National Interagency Incident Communications Divisions website <http://www.nifc.gov/NIICD/documents.html> are approved. Inquiries for approved radios should be directed to: Communications Duty Officer Phone: (877) 775-3451 (Toll Free)



